

NAME OF BOARD/COMM: Wayland Surface Water Quality Committee (WSWQC)

FILED BY: Jack Carr, WSWQC Committee Member

DATE OF MEETING: Tuesday August 30th, 2016

TIME OF MEETING: 7:30 PM (scheduled)

PLACE OF MEETING: Wayland Town Building

ATTENDING: Lisa Newton, Tom Largy, Mike Lowery, Toni Moores (Chair)
Jack Carr

WSWQC MINUTES 08/30/2016

The meeting came to order at 7:30 PM.

1. Approval of Minutes – unanimous approval
2. Public Comments
 - a. 20th annual Dudley pond run / walk
3. Dudley Pond – Mike Lowery
 - a. Roots of milfoil appear dead. Fluoridone is doing its job and application is successful.
 - b. E.coli was at all-time high reported today at mansion beach at 405 colonies per 100 ml. Another sample will be taken by weeks end.
 - c. Heron was caught in fish line. Unclear if heron was euthanized.
 - d. Fluoridone treatment – fluoridone level under 7 PPB currently. Allow another 3 or 4 weeks before it is down to 1. It will be sampled again . Signs will remain until mid September.
 - Aug Water Quality Report Summary – Toni reports that this year's report is one of the best reports in his recollection. In some spots there were secchi readings up to 3 meters. There was some phosphorous noticeable. Considering low water level – this is encouraging
4. Heard Pond – Tom Largy
 - a. Tom met with Nan Balmer and Beth Doucette re: Solitude performance deficiency this year. Tom references a DCR employee who is considered expert in field of pond ecology. He says that ponds should be swept of water chestnut in July . Pulling plants in August is a waste of money and not effective. Tom expressed to Nan that TOW ought to consider legal options however given that no fault can be proven – it is not worthwhile to proceed.
 - b. Tom spoke with Amber Carr of Nyanza trustees and secured an additional \$8,000 in funding. Way-to-go Tom!
 - c. Tom shared water chestnut seeds with Sue flint at OARS – staff scientist. Several nutlets opened. Apparently if the seed inside is white it is still viable. They could find none with white seed. James Straub at DCR told Tom that the newly dropped nutlets have a green coating. It is not possible to identify if this lapse by solitude may have wiped out 14 years

of diligence since even raking bottom it is not possible to determine the age of the nutlets. Tom recommend that without more proof of fault that the committee drop the issue.

- d. Tom negotiated a final price of \$14,500 with Solitude which included pulling 47,533 plants. Jeff Castellani at Solitude indicates there may be at least 10,000 plants remaining. This is particularly striking considering 3 years ago there were only 700 plants in pond – total . All were pulled. Southwest cove is loaded with milfoil this season. Lisa asked if chemical tmt could be considered. Tom indicates that chemicals won't work on seeds but could be considered. Of course this would require OOC from ConCom.
 - e. Proposal to have Solitude rake a predetermined area of Heard Pond for density of water chestnuts. Toni feels that this sampling needs to be done annually for many cycles to make a determination if the problem is significant. Mike echoed this indicating we need to prioritize which issues are most important. Mike says that Point sampling data obtained now gives us information this year that might benefit us next year. Toni motions to proceed with option 2 at \$1440.00. Board approves motion to proceed with option 2 at \$1440.00.
 - f. There has always been milfoil at Heard pond but this year is worst ever. In 2003 milfoil was treated and it may need to be treated again. Milfoil is not as debilitating to the pond as water chestnut. Water chestnut covers the entire surface - representing a more detrimental condition compared to millfoil
 - g.
- 5. Lake Cochituate – Jack Carr
 - a. DCR commissioner due to tour lake 21st September 2016
 - 6. Mill Pond – Tom Largy - Nothing to report
 - 7. Committee member's reports and concerns
 - a. Memo from Ms Dinapoli requesting annual report. Summarize activity of WSWQC due end of Sept.
 - 9. Septic System O&M Mailing date – nothing to report
 - 10. Next meeting date – 18th October 2016
 - 11. Invoice Approval
 - Approved four invoices.
 - 12. Adjournment