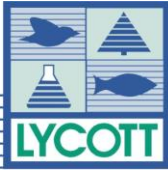


## Minutes of Wayland SWQC 6 February, 2013 Meeting

### Prepared by Bob Goldsmith

Present: Toni Moores, Bob Goldsmith, Lin Bradford, Mike Lowery (arrived ca. 15 minutes late), Tom Largy  
Greg Yunker, student observer from LaSalle College

1. The meeting came to order at 7:40 PM.
2. Minutes of the previous meeting were approved 4-0
3. Public Comment. Greg Yunker introduced himself as a student observer of local government committees/boards.
4. Dudley Pond (milfoil control)
  - a. DPA reps have expressed a concern about heavy use of salt on roads next to the pond. It was suggested that Mike have DPA reps attend a DPW board hearing to express their concerns to the the DPA Director. Bob is to send to Mike the Minnesota manual for winter road deicing and snow removal (done).
  - b. Toni requested \$500 to purchase parts for SWQC's YSI multimeter. Mike amended to add \$250 to purchase a sodium ion electrode if compatible with the YSI meter. Both purchases were moved, seconded and approved 5-0.
5. Heard Pond.(water chestnut control).
  - a. Tom has submitted SWQC's year-end report to ConCom, including Lycott's end of year report. The latter is appended.
6. North Pond.(milfoil control)
  - a. Mike contacted Conrad Crawford of DCR about our proposal for cost-shared control of milfoil in North Pond. Mike was told a decision would be made Wednesday and we could get the result Thursday.
  - b. Mike reported that DCR will use Diquat in Middle Pond this year in the beach and boat launch areas.
7. OML Complaint
  - a. Bob contacted Mark Lanza to ask if any further discussions have occurred related to Mr. Harris' possibly withdrawing his complaint to the AG's office. No additional information received.
8. The committee voted 5-0 to adjourn at about 8:30 PM.



November 5, 2012

Wayland Surface Water Quality Committee (WSWQC)  
59 Moore Road  
Wayland, MA 01778  
[thomas.largy@verizon.net](mailto:thomas.largy@verizon.net)

Via Email

Re: 2012 Summary Report  
Water Chestnut Harvesting, Heard Pond, Wayland, MA

Dear Committee Members:

In accordance with the Order of Conditions, DEP File No. 322-678, for the removal of Water Chestnut in Heard Pond, we are pleased to provide you with a summary report of the 2012 management program.



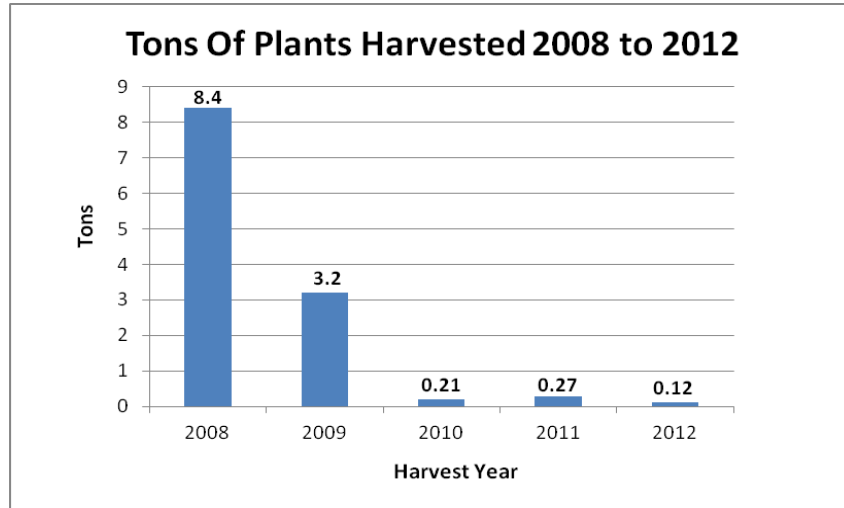
On June 18, 2012, a pre-harvesting survey was conducted at Heard Pond by Jeff Castellani of Lycott Environmental to determine the specific locations and degree of infestation of Water Chestnut (*Trapa natans*). Water Chestnut plants were observed sparsely along and within the button-bush of the southwestern shoreline with scattered to light growth in the open water of the south cove. The remainder of the pond's shoreline contained trace growth within the Lily beds. No presence of Water Shamrock (*Marsilea quadrifolia*) was observed. The initial Water Chestnut infestation appeared to be less than the growth of the prior season. The plants that had surfaced were 6" to 8" in diameter with few still suspended in the water column. Based on the survey it was recommended the hand-pulling event commence the last week of June.

In accordance with the management plan approved by the WSWQC, removal of Water Chestnut was to be accomplished by the hand-pulling method, supplemented by mechanical harvesting, if necessary. A base of operations was designated on the southwestern shoreline of Heard Pond off Pelham Island Rd.

On June 27 Lycott commenced physical removal of Water Chestnut from Heard Pond utilizing only the hand-pulling method. Lycott bagged and discarded the harvested plants during five hand-pulling days as outline below.

Date	No. of Plants	Location(s)
6/27/12	500	Southwest cove perimeter(button-bush)
6/28/12	750	Boat ramp to southwest cove & southwest cove open water
6/29/12	625	Southwest cove open water and entire shoreline
7/18/12	625	Entire shoreline & southwest cove
8/9/12	38	Entire shoreline & southwest cove
	<b>2,538</b>	<b>Total 2012 Harvest</b>

The combined five days of hand-pulling yielded 5.07 bags of plant material, totaling approximately 254 pounds and/or 2,538 plants. The plant count (5,483 in 2011 versus 2,538 in 2012) decreased by 54 percent. As Mr. Largy states "The persistent large number of harvested plants shows that a thorough harvesting effort is required over a number of years to combat the up to twelve year seed viability period for Water Chestnuts."



On September 23, 2012, Tom Largy performed the annual post-harvest survey of Heard Pond for Water Chestnut plants. Mr. Largy reported: "I was out on Heard Pond this afternoon and inspected the open water area, the South West cove "hot spot" and shoreline, and occasional portions of the remainder of the pond perimeter. I found no Water Chestnut plants. Jeff and the Lycott crew, thank you very much for what has to be an intense effort in covering a large pond surface and perimeter for plants that are just occasional and not easily spotted!"

It is anticipated that the 2013 crop will still be located along the perimeter of the pond and the open water of the south cove, with coverage and density continuing to decline. Water Shamrock (*Marsilea quadrifolia*) has a slower growth rate than water lilies, which may explain the absence of this species during the 2012 season. Water lilies are likely to grow more quickly and shade other species such as Water Shamrock. Lycott anticipates that a diminishing effort, three to four days of hand-pulling during the 2013 season, will be needed to continue the eradication process of the Water Chestnut plant in Heard Pond.

Please contact us if you have any questions or need additional information.

Sincerely,

William E. Stevenson  
President

WES/jjc

11/5/2012

