

Minutes Lakes Management Advisory Committee

May, 3 2022 7:30p.m.

Present:

Committee Members; Scot Kuehm, Derek Jackson, Ethan Grodofsky, Mike Russo, Bud Luzzi, Debra Dewing

Solitude Lake Management representative Bob Schindler (not present but provided written update), Environmental Commission Liaison Allison Rankin, Borough Council Liaison Chris Richter,

Student Representatives; Connor Higgins

Committee Chair Opening

Minutes of last meeting provided just prior, therefore they were not reviewed by committee members.

Borough Managers Report (Mitch Stern) absent but provided written updates:

- Grunden's Pond – DEP advised Mitchel that the application fell through the cracks and has not yet been reviewed.
- Sunset
 - currently working on legal process to obtain necessary easements
 - committee voiced concern that we are unable to get confirmation that calculations used to design dam assumed water level at original base.
- Long-term plan – I have an email and call out to our engineer who handles our Dam work (Ferriero Engineering). I'm waiting on a proposal to produce a plan.

Solitude Lake Management Report (Bob Schindler not present but provided the following written update on hydroraking):

From the original contract for this work it was specified that the MINIMUM GOAL was to restore 50% open water in the 6.75 acre northern area of Birchwood, with a lake committee preference of 100% open water.

At this time I would put the results "as expected" following the completion of all work in 2021 based on this originally established goal. We didnt have anything specific to increase in water depth as a goal, just open water restoration. My goal for 2022 is to achieve 90% open water by the end of August through herbicide applications, and then followed by an additional hydro raking effort in the fall, which I believe would be the final "year" of the five year plan.

On March 10th 2010 we performed bathymetric mapping of birchwood. In the spring of 2023, I would recommend performing an updated bathymetric mapping of birchwood to track where we are related specific to water depth over the 13 year period. From this data, we then review and determine if a revised restoration plan is necessary more specific to increasing water depth through hydro raking, but certainly annual water lily management with herbicide will need to be continued to ensure maintenance of the open water of the area.

Other Business:

- There was a discussion about alternatives to hydro-raking that may be more effective. Vacuming was discussed.
- Aerator systems on Shadow – need confirmation that DEP will be getting them up and running.

Motion to adjourn: Seconded