Lake & Lake Rec Minutes 12/2/2021

Meeting begun 7:30 pm

Start of the meeting was a Zoom call with Chris L. Mikolajczyk, CLM from Princeton Hydro and Bob Schindler from Solitude Lake Management. There were 15 participants via Zoom and 10 in attendance.

1. Consultant Annual review

* Overall lake conditions were very good throughout the season. It was noted by attendees the weeds were a nuisance to boaters and mid-lake swimmers. Weeds are a necessary part of the lake ecosystem. Ways to reduce weeds in selective sections of the lake were discussed, including weed harvesting. It was pointed out this could impact the fish population as it is unavoidable to collect hundreds of fish along with the weeds. The Lake Comm will continue to look into optimal methods for weed control.
* It was noted the phosphorus levels at the inlet are high, as expected with the floc logs working well to reduce phosphorus levels before runoff enters the lake.  It was suggested more vegetation be planted for natural filtering.  A list of plants has been provided to the Lake Comm.
* Carp continue to be at high levels. There are companies that will come and remove them. Estimated cost is $25,000.
* Questions were taken from participants

2. The Highlands Watershed Grant proposal is proceeding, with the lake sampling completed and Princeton Hydro drafting the proposal. No definitive timeframe for completion.

     Tilcon declined access for sampling.

3. Discussed the run off from the B2 parking lot and the large amount of sediment that goes into the lake in that run off. Suggested a berm of some sort be put in the parking lot, although given the pitch, a high berm would be needed and is not feasible in the parking lot area. Other options to be identified.

4. Phragmites at the B2 inlet have been treated. To control future growth, hand cutting the standing cane is required by the end of March. Maintenance to complete.

5. B3 sediment collection box has not progressed, since discussions with the Township a year ago.  Follow up with Township Engineer to be done by Mike I or Joanne.

6. Carp removal, alternate means were discussed fishing club to investigate further

7. Boat registration committee recommendations

-Dues must be paid prior to the day of registration.

-Pre-registration is encouraged

-We will continue with the 2020 plan of lining up in beach 1 parking lot.

-Will be adding more volunteers.

-Live streaming of map on the POA Facebook page.

-Update of the Map as well.

Discussion:

Weed harvesting vs algaecide

Mike L. to follow up with quotes for Bulkhead.

Phosphorus coming in from upstream.

Maintenance to CONFIRM phragmite clearing

Discussion of deflecting water at beach 2 and cleaning the retention boxes plus :

Fixing the edge of the parking lot to allow free flowing runoff to actually deflect into the Berm. (Scraping away sediment build up with machine )

Discussion of putting perforated pipe to deflect runoff

Meeting ended 9:10 pm

Joanne Machalaba, John O’Connor, Michael Lynch, Tom Garvey, Joe Garvey, Michael Ilardi, Charlie Bogusat, Henry Passarotti, Bill Blender, Michael Freedman.

On the Zoom call- Barry Silbiger

Submitted by: Michael Lynch-Co-Chair

Approved by: Joanne Machalaba-OIC