

1. Bob Schindler, Chris Mikolajczyk provided overview of the lake water quality, not much non filamentous algae noticed on the surface at all. The Brittle Niades along shore, spot treatment minimal quantities with aqua strike in select areas seemed successful. Stated the Niades, (Brittle & Southern) top out at 3-4ft and seem to be taking over the Asian Milfoil vegetation.
2. Mike Lynch described the community's concerns regarding a drastic decline in fish population, fishing etc. Mentioned fish kill of sunny bluegills in spring etc asked for ways Princeton Hydro/Solitude can determine present solutions like fish study, other etc? Bob Schindler gave a brief overview, habitats no copper introduction, electroshock study is best as he could not speak to any specifics "no recommendation in absence of data." He did recommend an electroshock fish study to provide that necessary data to offer solid solutions for fish population etc.
3. Questions & discussion regarding the logistics of an electroshock fish study. Bob S suggested it be done late summer - early fall best time to not upset fish spawning activity etc, would take 2-3 days. Some Top & Gill nets in fluctuating lake areas marked with fluorescent buoys, all watercrafts & boards to be aware and/or kept away, This would make it possible to suggest fish stocking procedures going forward to best improve our fish population.
4. Questions regarding what we should stock exactly for spring 2021 considering study data would not be available until the end of 2021 at the earliest - impact not until 2022 a serious concern to the committee. The Committee agreed table for future Lake Meeting(s) before spring 2021
5. Question to HYDR/Princeton if they could recap specifically what the last 2008 Electroshock Fish Study told us to stock & how to assist us. They asked and we agreed to supply exactly how we have been stocking the lake for the last 6years for sure, farther back if that data is available to us we will certainly supply that to them ASAP.
6. Question/Concern by committee members as to whether we should remove "CARP ONLY" from our lake. Bob S. / Chris M stated "if you were ever to lower the lake you would not return carp back into it as per NJ DEP regulations. The consultants stated that the Carp disrupt the beds of other fish. Discussion leaned towards promoting to the community not to return CARP ONLY back into the lake whenever caught. Discussion to create community announcements, sign, newsletter & social media articles to be created and posted to educate the community on this desire, along with specific restrictions on how to properly and humanely dispose of these large fish at your residence and to be sure not leave fish dying on POA Common Properties.

7. Beach three Pump repair Initiative discussion. Effort and motion for funding to repair and improve the Beach 3 pump and redirect flow hose to make the area significantly more quiet by building a better soundproof structure and accessories. The redirect of the flow pipes will also move collecting biomass that accumulates on beach three during summer/fall to move past toward boat docks and will certainly improve conditions for community beachgoers and resident noise reduction. Steven Koenigsberg & Ami Nickel represented a collaboration between Lake, Beach & Camp Committees to split the overall cost of anticipated up to \$4900.00 between the three. Or possibly even maintenance? These repairs/improvements benefit all not just the lake and have been split in the past. All parties mentioned as well as the Committee were in unanimous agreement. Lake will purchase the first necessary project component(s) this year 2020 and discussion for the remaining components and split will be decided once All three committee budgets are reviewed in early 2021.
8. Muck discussion and concerns on how leaves, vegetation and all other organic & inorganic matter accumulates and settles to the bottom of the lake created an increasing amount of muck and shrinking our water depth. Bob S / Chris M explained that muck was a combination of biomass with sediment from all the above and when these elements constantly enter the lake year after year at a faster rate than the biomass can biodegrade then eventually some sort of maintenance / removal process should be considered because eventually the water body will fill itself in and that would be disastrous. Much discussion regarding the “nuclear option” of dredging vs more realistic solutions muck sucking/removal processes are available which are more feasible and less expensive are certainly available and have been initially investigated by the Lake Subcommittee. Future discussion to continue going forward.
9. New construction of Land Racks at the Beach One location along the metal fence towards the end of the beach. Design discussion, choosing new vertical designed racks vs existing wooden horizontal racks seemed to be favored by the committee. Community concerns how people currently lift kayaks onto the top sections of existing racks causes difficulties for some will the vertical improve, harm, unknown? Seems vertical design may be favored as they can accommodate more overall spaces.
10. Motion for Floc Logs up to \$1800 committee unanimously accepted the expenditure
11. Motion for (2) 2' x 6' Dock Finger stabilizers to be purchased to improve Dock Stability - Committee unanimously accepted the expenditure
12. Motion for Electroshock Fish Study up to \$9500.00 was unanimously accepted and agreed to use 2020 Lake budget surplus. The expenditure methodology was looked into following the meeting.

**Post-Meeting Note: Based on input from the Audit Committee and external Audit firm, it was determined a motion for the fish study can be made for Board approval in Dec

2020. Upon approval, a contract for work may be signed and paid in 2021 from 2020 monies.

Edward J. Clark Lake & Lake Rec Committee Temporary Minutes Writer 12-7-2020

Attending:

Michael Lynch, Ed Clark, Joanne Machalaba, Bob Schindler, Chris Mikolajczyk, Michael Freedman, Pat Degnan, Declan Beere, Tom Alameada, Jarret Zellea, Dan Carroll, Jack -Kimberly Kemple, Barry Silbiger, Steven Koenigsburg, Michael Kilgallen, Nick Ferrone, John O'Conner, Gerry Primavera, Bob Fehon, Ami Nickel. Alan Zenkart, Tom Langen, Rick Sedivec, Scott Rothbart.

Submitted by: Michael Lynch-Co Chair

Approved by: Joanne Machalaba-OIC

Lake & Lake Rec Meeting Minutes 11-5-20 7:30pm - 9:30pm

Discussion Items to spend Alum allocation appx \$18-22,000 or money to surplus.
on ElectroShock Fish Study, Beach three pump shed & equipment, Flock logs, Beach 2 & F dock maintenance.

- Beach Three Subcommittee discussion regarding the experiment to move the discharge flow across the shore to move floating debris from building up on shore. Agreed experiment worked and will be implemented 2021 along with pump & house repairs to decrease noise to surrounding residents
- Motion made for one pump house repair/upgrade/acoustics to silence the unit at beach three passed unanimously
- Discussion from several members of the WML Fishing subcommittee. Importance of obtaining updated electroshock to determine the problem with fish ecosystem, improve & modify a better fish stocking plan to improve the lakes overall population. Discussion information shared from call with Bob S from Princeton Hydro about our situation and how they can assist with study etc. Discussion amongst members proceeded.
- Motion raised and unanimous passed to obtain pricing for and hire company to perform electroshock estimate to be up to \$11,000.00
- Discussion to perform maintenance on beach 2 & beach 2 F dock - IE rings dock braces etc. motion made and passed unanimously for components.
- Discussion to purchase steel eye rings for both new 25ft dock sections, fingers as well as possible motion made and passed unanimously for components.
- Discussion to purchase (40) solar safety/accent deck lights for Clubhouse & Beach 2 boat docks up to estimated \$1500. Invoice to Michele in Office can purchase & pay with the office credit card. Hope to install before winter.
- Discussion to make FYI email motions for more precise prices for all above motion items.
- Discussion to make a public statement informing membership Alum lawsuit money received is allotted for the above motion expenditures.
- Boat Safety Class offered again on or about March 2021
- Enforcing lake rules more effectively briefly discussed it may be moving to Security committee as stated "security frustrated no enforcement available"
- FYI via email to follow up and communicate prices for all motions above before end of year make December meeting requirements.
- Previous subcommittee was asked to investigate sediment removal from the lake bottom to increase water depth, remove muck, decrease vegetation, stifle biomass buildup etc to improve overall health of the lake and increase the lake's lifespan. Discussion regarding a need for this arose and was decided to bring Solitude/Hydro to the December meeting to discuss.
- A resident thanked the committee for the three week boat season extension as the weather is currently beautiful and many are enjoying this extremely. Request to make this temporary extension permanent weather forecasts permitting.

Attendance: Michael Lynch, Joanne Machalaba, Edward Clark, Michael Freedman,
Jason Ripke, Pat Degnan, Tom Alameada, Barry Silbiger, JJ O'Conner, Scott
Rothbart, *Michael Kilgowan, *Jarrett Zellea
* possible 1st time attendees

Submitted by: Michael Lynch-Co Chair

Approved by: Joanne Machalaba-OIC

Minutes for Lake Meeting 10/1/2020

Motion & Vote for (2) new 25ft boat dock section + (2) fingers for an estimated total of \$12,000 to Custom Docks (vote 11-0 -(2 abstained? Pat Degnan JJ'Oconnor) unanimously motion passed.

Motion & Vote for land rack construction on all three POA common properties at an estimated total of \$4,000 to be decided how where to spend later date (vote 13-0) unanimously motion passed.

Discussion - submit plans for land racks on beach One by fencing, discussion on possible designs IE wood pipes who what where when.

Discussion where to place the second boat dock section. Was Beach three viable? Will camp interfere? Confirming with Beverly Nemiroff. Is the clubhouse better?

Discussion about fish stocking, residents stating fishing has declined and are concerned. Subcommittee formed to investigate fishing, identify problems and present possible solutions.

Discussion regarding cleaning up Beach three & water.

Beach Three Subcommittee was formed - JJ O'connor to head - find solutions to pump, pump noise, stagnant water etc.

Discussion regarding Alum lawsuit surplus funds arriving soon. Best use before end of year.

Resident Shawn Caravaglia asked some specific questions regarding Boat Dock space availability, assignments, temp parking, make more spaces available etc. lively discussion followed.

Michael Lynch
Edward Clark
Joanne Machalaba
JJ O'Connor
Declan Beere
Michael Freedman
Alan Zenkart
Scott Rothbart
Tom Alameda
Pat Degman

Unsure if able to vote

Barry Silberger
Daniel Grant
Shawn Caravaglia

Minutes submitted by: Michael Lynch-Chair
Approved by: Joanne Machalaba-OIC

Lake Meeting Minutes Thursday's 8/6/2020 Zoom meeting:

Lake quality

Water is clear with almost 8' secchi depth. Spot treating of Brittle Niad continues.

Dam update

Damn inspection occurred on 7/28/20. Committee chair and OIC were present and discussed the conditions and inspection with Chris Adams of GZA Environmental. Dam is in good condition. Chris will provide a full inspection report and OEM manual

Swim Area/ Restrictions Discussion

Discussion: swimming 15ft from boats 25 ft from shoreline

3 strikes out? Fine community hard labor?? My favorite :) possible penalties

many qs remain many issues - who polices? how to defend distance etc? Subjective causes ill will etc possible flag usage for safety

Resident Weed complaint:

Jeff & Karen "spirited" they spoke about weeds troublesome to many too high suggested weed removal harvesting etc. - some pushback some members explained to them - Joanne followed up etc. This is an example of much to know about the lake, few really know our true lake situation - tabled?? (to be called vegetation going forward) Solitude & Princeton like that verbiage as we sound smarter to them we speak that way.

2021 budget fish - including trout & minnows \$9000?

Traditional Trout stocking for opening day line#521.03

Minnow stocking 522.17 \$3000.00

Second stocking Hybrid Stripers, Walleye, Channel Cats, Perch and crappie from the remaining money from line 521.03 Line 521.03 is \$6000.00

Line 522.17 is \$3000.00 (must be confirmed)

All fish stocked have previously been in our lake.

I can't give individual prices or numbers since I'm sure prices and availability will change from this year.

I know this is a bad time but our budget numbers haven't increased in 10-15 years, while prices and shipping continue to rise. Any increase would help.

Adding Water Boat Docks & Land Racks

1st annual meeting - put together total for POA approval for (2) used water dock sections appx \$3400 + (2) new finger 2' x 6' appx \$1300 ? unsure ? (same as last year)

Price land rack stick built or other at Sub Meet Wed 8/12 - (estimates to follow)

last area optimization at Beach 2 F docks can still be done to add multi Use spaces (Ed Clark)

wasted dock space right side of Beach 2 pontoon/sail dock wasted dock space at temp boat spaces clubhouse dock B

Water/ land space improvements sub-committee meeting Wed 8/12 7pm for ideas to add water/land racks - space research

Dock stability issues implement all known dock support ideas to all areas of docks to prevent damage possibly incorporate 2'x6' dock fingers to future dock sections purchased for stability

Submitted by: Ed Clark

Approved by: Joanne Machalaba-OIC

Lake & Lake Reclamation Committee Meeting Minutes

Thursday, July 2nd, 2020 7:30 pm

This was an on-line Zoom meeting

In attendance (zoom)

Ed Clark, Mike Freedman, John O'Connor, Gerry Primavera, Scot Desort, Michael Lynch, Tom Alameda

Discussion was had about dock subcommittee meeting detailed below

Proper techniques for tying up your boats was discussed- Mike F. and Ed will provide direction

Members observations of lake quality is good- diminishing slightly due to the warmer drier weather

Committee chair is working closely on lake quality and using all resources; Princeton Hydro, Solitude Lake Management, Joanne M. and the rest of the committee to ensure that lake and water quality remain good.

Previous the boat dock subcommittee met on the docks and discussed:

- 1) Solar lights seem a good fit additional purchase of 10 units recommended
- 2) Improving stability of docks- (A dock)
 - a) Kurt installed a continuous dock pin- as recommended
 - b) Add pipes into all dock sections
 - c) Slightly smaller diameter pipes may reduce pinch points
 - d) Drive pipes where possible (fence tools may be needed)
 - e) Consider dock fingers- two 2'x6' dock sections approx \$1100.
- 3) Boat owners should;
 - a) Properly tie up their boats using common boat materials and techniques
 - b) Have front bumpers that protect their boat and dock
 - c) Lower any Bimini top or item that would increase wind load
- 4) Lake quality was discussed consensus was lake looks good and fishing is good
- 5) Discussion of land and water spaces was discussed.
 - a) Land spot use is exaggerated this year due to numerous factors
 - b) Additional land racks would be needed to meet demand
 - c) Once dock stability issues are minimized, we can discuss ways to increase water spaces

Boat subcommittee to meet again; date time TBD

Next meeting 8/6/20

Submitted by: Michael Lynch-Chair

Approved by: Joanne Machalaba-OIC

Lake Committee Meeting April 2, 2020

Start: 7:30 PM End: 8:00 PM

The April meeting was a Zoom video conference call

Attending: Christine Prusiensky, Scott Rothbart, Tom Alameda, Gerry Primavera, John O'Connor, Alan Zenkert, Keith Small, Art Carroll, Mark Didriksen, Ed Clark, Joanne Machalaba, Michael Lynch

Old Business

-Boat Registration was held in person for non-pontoon water spaces. Land, Pontoon and trailer space registration was cancelled due to COVID19

New Business

-All other boat registrations will be based on 2019 registrations. All new registrations can register this Saturday, April 4th starting at 9 am via email. The lake committee and office will do our best to find everyone a spot. The WML office has been very helpful during this difficult process.

-Second boat spaces will be provided on a first come basis. Based on requests received by the office via e-mail as of Wednesday, April 8th at 9 am.

-Registered boat spaces to be used only by members in good standing. Lake Committee members will help office check boat owner's status

-Dock subcommittee reported the proposed dock at 137 Lake Shore Drive to be in full compliance. A motion was made by J. O'Connor 2nd by J. Machalaba to approve- unanimously passed

-Fish stocking motion to stock crappie, yellow perch, walleye and minnows (3rd year of 3 year Princeton Hydro stocking plan) to spend \$6,419.89 motion made by K. Small 2nd by J. O'Connor- unanimously passed.

Minutes written chairperson- Michael Lynch Approved OIC Joanne Machalaba

Lake Committee Meeting March 5, 2020

Start: 7:30 PM End: 8:00 PM

February meeting minutes were approved

-Attending: John O'Connor, Mike Freeman, Jim Devomeille, Dan Carroll, Keith Small, Christine Matrisciano, Henry Passorotti, Scott Rothbart, Alan Zenkert, Michael Lynch

Old Business

-Princeton Hydro and Solitude Lake Management Presentations were very informative (see February meeting minutes)

-Boat space assignment days were discussed- Lake Chair to be onsite early all 3 days.

New Business

-Solitude Lake Management to inspect lake conditions in early April- Chair to provide update

- Dock solar lights ordered through office by J. O'Connor; will be installed on one dock for sample

- Lakefront Dock Sub Committee- 19 Lake View Court dock approved

- Boat space assignments on first come first served- Asking for volunteers

- Boat safety course this Saturday- Chair will be on site for registration and grading tests

Minutes written by: Michael Lynch- Committee Chair

Minutes approved (following Committee review) Joanne Machalaba-OIC

Lake Committee Meeting February 6, 2020

Start: 7:30 PM

End: 9:10 PM

Attending: Scott Rothbart, Henry Passarotti, Bob Fehon, Peter Hestevold, Keith Small, Mike Freedman, Nick Ferrone, Declan Beere, Dan Carroll, John O'Connor, Ed Clark, Christine Matrisciano, Pat Degnan, Tom Alameda, Gideon Van Heerdon, Bill Malzahn, Charlie Bogusat, Joanne Machalaba

Old Business

Meeting minutes from January meeting approved

Request volunteers to assist on Boat Space assignment days, March 14, 21 and 28. Please let Mike Lynch know what days you can help.

Reminder the Boating Safety Course will be on March 8th. Get the word out!

New Business

- Special guests: Lake Management Consultants, Princeton Hydro and Solitude Lake Management.
 - Highlights of last season: Excellent water quality with high clarity. The clear water and high rainfall combined with warm temperatures led to a dense amount of brittle naiad lake wide.
 - For 2020, monitoring will begin in March with SONAR treatment planned earlier with follow up dosing, as needed. A new herbicide was tried late in the season with good results on the naiad. Plan is to selectively use this season.
 - Alum/aeration system including the in-stream injector should begin operating late April. Frequent replacement of the instream FlocLogs is required to reduce phosphorous loading.
 - Princeton Hydro contacted Steve Riley of Tilcon to inquire about interest to treat the water body on their property that feeds into WML. While Tilcon has allowed WML to place FlocLogs and addle geese eggs on their property, they are not interested in treating their lake. We will continue these efforts.
 - The Regional Highlands Watershed Management State Grant was briefly discussed. Princeton Hydro is working with some surrounding lakes to secure grant monies and will keep WML informed. The recommendation is for WML to maintain a strong working relationship with the Township, as grant applications are made through them, and collaborate more formally with other lakes, such as Telemark and Greenpond, in seeking funding.

- Phragmites along the lake perimeter continue to encroach on the lake as well as along the inlet streams at beach 2 and 3. An herbicide treatment was applied in selective areas in the fall. Follow up cutting is required to curb growth. Site manager was requested to have Maintenance routinely cut back the phragmites at the inlet stream locations. The need for further herbicide treatment will be determined.

- The topic of accepting a fish transfer (salvage) from Parks Lake to WML was further discussed with the consultants. We were advised DEP regulations require fish transfers to be within the same drainage basin (will confirm this) and under strict supervision of a Fisheries Biologist. The fish to be transferred will not be beneficial to the WML ecosystem and may disrupt it. The Committee recommendation is to not accept a fish transfer into WML.

- A motion was made to purchase 276 trout from Musky Trout Hatcheries for the 2020 fishing season at an amount to not exceed \$2,948.18. Monies to come from line 521.03. Unanimously approved.
- The dam requires a regular inspection this year by a professional engineering firm. Two bids were received and are being evaluated / negotiated. A motion is pending final pricing and scope of work. The Committee inquired about warranties and bonds that are in place for the recent dam remediation to be prepared for potential inspection findings. Site manager to review contracts and advise.
- It was brought to the Committee's attention an incident last season of anchoring and swimming from a boat close to POA docks. At the time, this was reported to the Security Patrol Boat. Committee discussed stricter guidelines and enforcement.
- Lakefront Dock Subcommittee to report at next meeting.
- Committee was informed of further legislative action regarding mandatory fees and assessments in voluntary lake communities. Prior legislative action failed to pass the NJ Assembly, but has been recently reintroduced. Legal and By-Laws continues to monitor this.

Minutes written and approved (following Committee review) by Joanne Machalaba, OIC of Lake and Lake Reclamation

Lake Committee Meeting Minutes Date January 2nd, 2020, Start 7:30PM End 8:45PM

Attending: Joanne Machalaba, Henry Passarotti, Mike Freedman, Jason Ripke, John O'Connor, Joe Melco, Ed Clark, Christine Matrisciano, Dan Carroll, Scott Rothbart, Michael Ilardi, Pat Degnan, Mike Stocknoff, Alan Zenkert, Tom Aleida, Charlie Bogusat, Michael Lynch

Old Business

Meeting minutes from December meeting approved

New Business

- Motion** to retain Princeton Hydro for lake management consulting in 2020 (for a sum not to exceed \$15,025 including sales tax funding per line 522.18) was made by Mike F. 2nd by Henry P. Passed unanimously.
- Motion** to retain Solitude Lake Management for lake management services in 2020 (for a sum not to exceed \$42,000 including sales tax funding per line 521.01) was made by Joanne M. 2nd by John O. Passed unanimously.
- Motion** to retain ChemTrade for alum supply in 2020 (for a sum not to exceed \$32,000 including sales tax funding per line 521.01) was made Mike F. 2nd by Scott R. Passed unanimously.
- Motion** to retain USDA APHS WS to conduct wildlife services (for a sum not to exceed \$6,588 including sales tax) it is understood Lake, Beach and House Ops Committees will split this cost 3 ways equally. Lake Committee cost <\$2,200. Passed unanimously.

- Any information and/ or pictures of the lake's waterfowl's activity (dates and times) should be forwarded to lake committee chair and Site Manager (Charlie)
- Lakefront Dock Subcommittee to follow up on report of;
 - 19 Lake View Court.
 - 99 Lake Shore Drive.
 - additional dock inserts for clubhouse and beach 2 docks**
- POA dock layouts are being developed and will be forwarded to the committee for comment.
- Future replacement of the beach 2 ADA dock was discussed
- POA boat space allocation dates are tentatively set for March 14th (all watercraft except pontoons), 21st (land spaces) & 28th (pontoons and trailer).
- Ways to improve pontoon docking to minimize ongoing damage to POA docks was discussed. Tie up requirements to be developed.
- It was discussed to move the location of the boat registration line away from the Clubhouse front door to the Beach 1 parking lot. It was noted Friday evening events at the Clubhouse could be negatively impacted by the line surrounding the front door entry way.
- Dock lighting was discussed, and John O. will provide office with ordering information and six fixtures will be ordered to pilot effectiveness.
- Grant monies are available from the state. Charlie B. is working with town and grant officials. Joanne to reach out to Princeton Hydro for insight. Citizens concerned about the health of the township's watershed are encouraged to email your council person, mayor and/ or attend a council meeting to voice their opinion. Council meetings are on the 2nd and 4th Tuesday of each month.
- Consultants to be invited to Feb. Comm meeting for year-end review and 2020 planning, including fish stocking.
- A request to transfer fish from Parks Lake to WML was discussed. A decision is pending more information to ensure WML ecosystem quality is not compromised in any way. The tentative date to transfer the fish is Fall, 2020.

Minutes submitted by Michael Lynch

Approved by Joanne Machalaba OIC