

## Papakeechee Protective Association

### LAPSI Team Meeting 10/12/12, 7:00pm PPA Building

#### Minutes

Attendees (Alphabetically): Larry Clough, Bernie Ebetino, Kendall Floyd, John & Georgana Hart, Mack & Jodi Hedges, Jan Laurent, Anthony Serianni, Jerry Yoder

#### General Discussion:

Review LAPSI document. Main changes to Mission Statement.

Kendall to create two e-mail lists. One for active membership, the second for general notifications for those that want to be informed.

Review of Minutes from last meeting:

#### Lake Mapping – John recommends the following

- Lowrance HDS-7 Gen2 Fishfinder/Chartplotter (sounding device)
  - Has SD card slot to store data points
  - \$950
  - <http://www.lowrance.com/en-US/Products/Fishfinder-Chartplotter/HDS7-en-us.aspx>
- Dr. Depth BT Edition Software
  - adds functions to map bottom type (hardness). Shows bottom hardness, weed structure.
  - ~\$250
  - Allows for drawing shoreline, among other things
  - <http://www.drdepth.se/btype.php>
- Plus the cost of a SD card.

John to find out how much storage needed to plot a 179 acre lake and also check how close to the shoreline the Lowrance will chart.

It was noted that it is important to know about the shoreline and a priority to check sedimentation, especially given some of the dredging conversations.

Kendall to check his vendors for software availability and prices.

Likely want to do the mapping next spring.

John will put in his time for free.

Anthony asked if there was any area map of lake? Not that anyone is aware. Ron may have one.

#### PPA Web site:

Web site may not have high priority (to board) when compared to the many other tasks and costs at hand. We should come up with a cost.

Who/how currently manages the site and how is it updated? Microbytes (North Webster) hosts it and they are responsible for any updates. Pat Ebetino (Bernie's wife) is currently responsible for getting the info to Microbytes. However, Microbytes may not be as responsive as one would like.

It was noted that some data shouldn't be presented on web site due to the fact that we are a private lake. May need to have some regions of the site that are secured. Also noted that transparency is usually a good thing.

Kendall to try out the web tools and report back on ease of use. He will also attend tomorrow's board meeting, and perhaps find out how much it costs to for Microbytes to host and modify the site.

### **Dredging:**

Survey – John reported that he contacted Todd Bowen. He said his work would be \$1,500, plus \$359 for lab sample testing. This includes the permit. The survey is not the entire lake. It is only the perimeter of areas we want dredged.

Bernie contacted DNR – He found that if we are dredging inside the lake proper, and since we are a private lake, they (the DNR) don't get involved. However since we are in a floodplain, or if we dredge in the ingress or egress, they may be involved. So, as long as we dredge inside the lake they don't need to be involved. The best way to confirm this is to send a map to the DRN noting the areas to be dredged and they would let us know. Bernie also contacted IDEM (Indiana Department of Environmental Management). They said as long as we don't change the size or shape of the lake or disposes of the material in a wetland, they don't need to get involved. Bernie will forward out the e-mail from them to us.

But still, why dredge? Sedimentation problems? Why is that? Bernie said many of the concerns are due to the muck due to 100 years of leaves ...and of course the naturally shallow areas. It was reported that the board said they can't deal with dredging (because of the size of the issue) until the dam and levy project is done.

Our role as a team is to inform the board of any environmental issues.

Sherry Labs does the bottom sample testing.

### **Water testing:**

Bernie had with him some water tests which were in Ron's possession. It appeared that some years were missing. Bernie will make electronic copies. Bernie to follow up with board to find as many past tests as possible.

Status of 2012 water test: Terry is the contact for this year's water tests. John gave Anthony the only copy of test results, which didn't look as if it was the official report.

E-coli Testing – Anthony suggested exploring the possibility of doing e-coli testing ourselves using test kits. Since DNR may only do it once a year for free, testing e-coli ourselves may be a low cost option for more frequent testing. Tests are quantitative (not simply a yes or no). They require an oven to incubate the samples, which Anthony may be able to find for free, but we would need a place to store it.

Anthony spoke about study done in 2007 by Grace (which he e-mailed out to us on 10/12/12). This study could act as sort of a baseline. There is also study commissioned by WACF. Anthony sent us instructions to download it on 10/12/12. (You may try clicking this: <http://www.wacf.com/content/studies/WMP%20Final%2017Apr07.pdf>). He also sent link of study done in 1987. (You may try clicking this: <http://www.in.gov/dnr/water/files/stjoe.pdf>).

### **General Discussion:**

Bernie discussed convenient way of storing electronic data, including a naming convention.

PPA has no central office other than PPA building. Board has talked about storage. Still in the process of getting the fireproof safe which would get sited in PPA Building and also store all of the old stuff here. We may need to look into buying some cabinets and counters for the building for lab work, especially if a student is doing a study since they would need a place to work. John said it was also a possibility of using his second garage.

Anthony also discussed the web site for Kosciusko Lakes and Streams. It has a list of nearby lake associations. We may want to reach out to some of them to find out what they are doing. (Although I could not find a specific list of lake associations, I did find the following: <http://water.grace.edu/index.php>).

### **Task List:**

Kendall:

- Create 2 mailing lists. The first for active LAPSI membership, and the second for general notifications for those that want to stay informed.
- Check his vendors for DrDepth software availability and pricing
- Try out web hosting and development tools to report back on such things as ease of use

John:

- Continue to look into lake mapping
- Find out how much storage needed to map a 179 acre lake

Bernie:

- Forward e-mail from IDEM to group
- Make electronic copies of water tests and forward to group

- Follow-up with Board to obtain as many past water tests as possible

Anthony:

- Contact Terry for info on recent tests

**Next meeting:**

Next LAPSI Meeting 7:00pm 11/16/12 at PPA bldg. Next Board Meeting 11/17.

North Webster Community Meeting charges to use their facility.