

Papakeechee Protective Association

LAPSI Team Meeting 7/12/13, 7:00pm

Minutes

Attendees (Alphabetically): Hannah Becker, Kendall Floyd, John & Georganna Hart, Mark Laurent, Anthony Serianni, Virginia Surso

Old Business:

Water Testing Update – Hannah: Began June 23

The different activities:

1. Setting up lab, including incubator, making signs for boat (still working on them), wireless router with printer (no internet), so you can print from your PC if you are connected, but still no internet; water supplied through two car boys
2. Writing up protocol and standards of procedures, so that tests can be recreated; includes her daily journal, and procedure on boat use
3. Determined 50 different data points on lake, divided lake into 4 sections; firstly used GPS Navigator (available on-line) can introduce points, take data into two types of files, then uploaded one of those types of files into Google Earth, she has depth measurements for the 50 data points; (John is still working on bottom mapping, although Hannah is taking depth readings while she is on the lake) (Hanna to send .kmz file to Kendall)

This week she did the turbidity measurements at the 50 data points. The data includes date, time, location number (data point), water color, physical quality (weeds, etc...), observer (the person who took the reading – in the event it changes from person to person). She takes four measurements; two on the way down and two on the way up, then averages them. John stated possible importance to do these readings on several different dates throughout the season and the possibility of doing a smaller number of readings on multiple occasions. We also discussed the possibility of taking temperature using the Lowrance (which measures T at the surface).

Temperature revisited: In the past we thought perhaps T not the most critical, but since then we now feel that T and dissolved oxygen (DO) is more important as pH can vary a great deal. We then hope to determine how to correlate the data in Excel with various charts. Anthony mentioned plotting three different data points using a hypersurface. Per Anthony, we hope the data will “tell a story.”

Hannah contacted the Indiana Clean Lakes Program. They allow people to borrow (at no charge) a YST (or was it [YSI](#)?) meter to test DO & T. Hannah is going to borrow this unit. Virginia added that perhaps next year we could contact Grace College. They volunteer and look for this type of activity, and they also have the equipment. (Add to-do for next spring for Grace).

E Coli: May need UPS for oven in the event of a power loss so as not to lose/invalidate all of the samples and test medium.

Gasoline usage: John to work that out with Terry. We all agree that this expense should come out of LAPSI.

John to check with Board regarding the use of a trolling motor, stressing safety issue. Chemical boat is kind of undependable and may strand Hannah.

Social component of grant: possible questionnaire, maybe include Wawasee (but logistics of contacting is difficult). Perhaps use a WACF meeting. Tony will go and bring up the issue of working with Wawasee. Property owner's meeting last Sat in July at Oakwood. A good sample would have a larger sample from Wawasee than Papakeechee.

Water at PPA Building – John: They're going to tap into the artesian well which drains past the front (road side) of the building.

Bookkeeping – Virginia: Distributed a P&L. Tony to scan (or print to PDF) receipts of items he purchased. Virginia asked that they get sent to her as an attachment so that she can save it. There was some additional discussion as to how we show donations on our books as well as how to categorize our expenses (ex: lab, testing, equipment, etc...). Virginia also requested that as expenses are sent to her we tell her into what category it should fall.

Approval of Minutes from Previous Meeting: Yes.

Next meeting: 7:00pm on 8/16/13 at PPA Building.