

## Papakeechee Protective Association

### LAPSI Team Meeting 4/11/14, 7:00pm

#### Minutes

Attendees (Alphabetically): Kendall Floyd, John & Georganna Hart, Mack & Jodi Hedges, , Anthony Serianni, Virginia Surso, Jan Laurent, Rosalie Sorg, Diane Tulloh, Jerry Yoder

2 kinds of Phosphorus: particulate (insoluble) & water soluble reactive P; balance can be upset easily (see Lake Chemistry – Phosphorus slide).

Social-Psychological data should be reserved for future discussions.

JFNew Study 2007 commissioned by WACF

Tri-county – Walking tour; broaden testing into this region;

Summer/Students: Matt Williams, Brian Roddy (both engineers). Received \$2,000 from Da Vinci grant. They won't be here full time (since they'll also have other commitments at Notre Dame). We'll be more targeted about when and what they will do. Not full time/every day like Hannah.

Spoke with Diane Castell (WACF) to see if the guys will work on Wawasee also. She said yes. WACF should also contribute financially and Tony will look into that. They guys will likely work on both lakes.

John and Georganna said from their ILMS that Grace has been doing studies last year and testing the spillway through the winter. Measuring velocity and depth. Also, Grace College doing (Nate Bosch) study on lake impacts (quality of) on property taxes and values.

Speaker for remainder of calendar year: Diane – target 2 more for 2014. Perhaps Nate Bosch from Grace. One in the summer and one in the fall. (Watch Melissa Cark webinar from Watershed Academy).  
John: ID of aquatic plants. Idea of program is to map where invasive species are. All she wants from us this year is to register and send monthly Secchi readings for first year. Next year plant identification.

Need captain and team. Diane took the kit from John.

Jim Donahoe speaker: Good turnout. He had a good firsthand knowledge of our lake. Great deal of discussion about removing weeds from the lake: 1. is it practical? 2. will it make a difference in nutrient levels?

Clean Lakes: John and Georganna; Grace College doing some great work and very active (see above). "All about" this region. Many booths with anything you would want to know. Dams, algae (Microcystins; must have it tested to know if it's bad); dredging, MS4s, etc...

Jerry would like to get one of the guys from the DNR to take us through Tri-County. Targeting May? ...but after turkey season which ends May 11.

Purchase of DO meter. Not yet purchased. Diane and Tony to talk about it. Group was OK with the purchase. Need to get Boards approval for this purchase (due to amount).

Johns wants to spend \$150-175 to trench for water to PPA bldg. Group is OK with that also.

No further action on laptop and software due to funds. May be fair to expect we'll need this this summer. Total cost (PC and Prism software) about \$1,000. \$400-\$500 for laptop, \$450 for software.

Summer testing: discussion on the number of data points. Closer to shore for E coli. We can use different point for different tests.

Secchi – of course. DO tests ASAP and Secchi while you're at it. Tony to get copies of SOPs for tests. The SOPs may have room for improvement. Make notes on where they are deficient. A sub-group to discuss new data points. Diane, Tony, Jodi, Weekend of the 26<sup>th</sup> or 27<sup>th</sup> (depending on Tony's Chicago schedule.) Get DO done before May. Also some data points in Fish & Wildlife.

Last year most of the testing was in July. This year we should do them from the spring through the fall. The guys will start about early June. Virginia will help clean the lab in advance. John and Tony have a couple odds and ends to finish up lab.

Student & lake work: another student would like to work here in the fall. Not sure how this would work. Conceivably, we could have a student help us during the year. Notre Dame has a program where undergrads get credit for research. Could sign up for undergrad research and work hear. Their compensation is the credits through the University.

LaPSI e-mails: Who gets sent what? Once a year send out an e-mail requesting a response if they want to continue getting e-mails.

Board presentation – Tony: Tomorrow. Reviewed preliminary set of slides.

**Approval of Minutes from Previous Meeting:**

**Next meeting: 7:00pm on 5/2/14 at Virginia's house>.**