



Welcome back....

Once again we present the Morrison Lake Newsletter for 2013. There will be three editions, Spring, Summer and Fall which will be provided via email and on the lake website. This newsletter is for the residents of Morrison Lake, their family and friends. Your contributions to these newsletters are very important. As in the past you might like to write an article about your experiences on Morrison Lake, maybe a funny story or a family history on the lake, maybe you have a question or maybe you have something you wish to buy or sell.

We can expedite the delivery of the newsletter by each resident sending their email address to: ourlake@morrisonlake.ca

Should you be willing to provide input into the newsletter, please contact Paul Kelly at: kellysp@sympatico.ca or at (705) 687-5605.

Get In Touch

Provide your email address and get regular updates on Morrison Lake at: www.morrisonlake.ca

UPCOMING EVENTS

Morrison Lake Residents Meeting:

Sunday May 19, 2013 – 1pm - North Morrison Lake Road Landing.

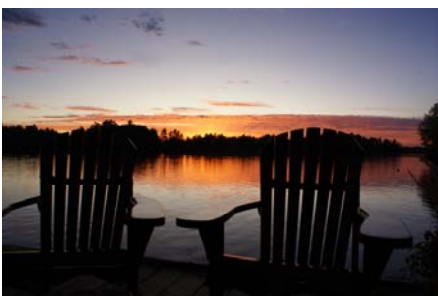
Regatta 2013: Aug.3-4

Jenny Fairbrass will be co-ordinating the schedule, however please advise her of your willingness to assist and run various events.

Jenny (705) 687-4143

2013 Golf Tournament & Dinner:

Saturday August 17th, 2013



LAKE WATCH

President: Daren Boydell.....darenboydell84@gmail.com

Vice President: Gord Kobe.....gordkobe@hotmail.com

Treasurer: Joanne Baker-Forth joannef.43@gmail.com

Morrison Lake Website: www.morrisonlake.ca

Membership Fees \$25: Please send to...MLRA General Delivery, Kilworthy, Ont. P0E1G0

Morrison Lake Residents Meeting
Sunday May 19, 2013– 1pm –
North Morrison Lake Road Landing.

1. Welcome and Introductions
2. Declaration of any items to be added to agenda
3. Approval of minutes from the meeting of September, 2012
4. Treasurer's Report (Joanne)
5. Secretary's Report (Karen will not be in attendance)
6. Elections (Gord)

7. STANDING ITEMS
 - a. Dues collection & online banking options (Joanne & Geraldine)
 - b. Regatta 2013
 - c. Water quality report

8. OLD BUSINESS
 - i. ACTION items from last meeting:
 - a. Winterizing of fire pumps (Ralf Buschke & Brad Fairbrass)
 - b. Map of the lake with the fire pumps posted on web-site (Gord)
 - c. Update on Black Crappie introduction to Morrison Lake
 - d. Morrison Lake Ski Club name change or disclaimer
 - e. Other

9. NEW BUSINESS
 - a. Light disturbance from the flashing light on new Bell Tower
 - b. Zero tolerance for trespassing, including fires and parties
 - c. Interest in general lake activities such as: Baseball, pontoon boat potluck, ball hockey tournament, etc.

Other

Minutes of MLRA Meeting Labour Day Weekend
Sept 2/12 @ 13:11

Attendance:

Gord Kobe	Barb Bentley
Joanne Forth	Cara Engelhardt
Geraldine Debes	Lara Pajunen
Ralf Nella	Karen and Brad Fairbrass
Mike Proctor	
Joe Cancilla	
Mel Kellnur	
Doug Pegg	
Ralf Buschke	
James Doyle	

Agenda

1. Bob Bruce has completed putting up 3 signs at North Morrison Lake Landing for Zebra Mussels. Instructions on how to clean you boat prior to re-entry to ML are in small print on the sign closest to the dock.

2. Concern re the MLA website. Not to be confused with the MLRA (Morrison Lake Ratepayers Association). Information shared that the police have been on MLA facebook and have been on Morrison Lake asking if boaters are members of MLA. Police commenting on the high volume of complaints from Morrison Lake. Gord Kobe to ask the founders of MLA to change their name or put a disclaimer not linking it with MLRA.

3. Fire Pumps:

-To be winterized by Ralf Buschke and Brad Fairbrass.

-Identified the need for new fire pump covers at a cost of \$180. Ralf Buschke paid for one cover himself.

-Gord Kobe to produce a map identifying the location of the 4 fire pumps (Proctors Point – Mile Island, Boorman's – Evans Wood Rd, Carol's next to Richard Bennett's property- S Morrison Lake Rd at Cove and Buschke Dock).

-Discussed moving pumps to full-time residence property to protect from vandalism. Discussed moving the pump from Bennett's property to full-time resident Gord Kobe's property. For now the pump will remain at this location as Carol is a full time resident.

-Map of fire pump locations to be mailed out to emails of Morrison Lake Cottagers. (See news letter)

-We encourage all Morrison Lake cottagers to pay their dues to allow the maintenance and upkeep of such things as the fire pumps.

4. Treasurer Report: Available on the website

5. Need for a Board of Directors –

President: Daren Boydell

Vice President: Gord Kobe

Treasurer: Joanne Forth

Secretary: Karen Fairbrass

Directorship: Geraldine Debes, Gord Kobe, Karen Fairbrass, Daren Boydell and Ralf Buschke voted in for directorship.

6. Association Fee Collection:

- MLRA present account does not allow online payment. Concern was raised that a new account with online payment option may have expensive monthly fees. Geraldine Debes to check National Bank re type of bank accounts and charges for online payment.

-Door to door collection of association fees to continue. Gord Kobe offering to collect the Cove area, Karen Fairbrass and Joanne Forth collecting for Mile Island, Cara Englehardt collecting the cottages around north shore cove, Geraldine Debes collecting for Balfour Woods, Paul Kelly collecting Evanswood Rd.

- Looking for volunteers to meet their neighbours and help with Association Due Collection.

- Suggestion to collect dues for 5 years at a discount. ? \$100. (save \$25).

-Suggestion that the website list and thank the people who have paid their dues and let them know what they are supporting.

7. Pilot Project to introduce Black Crappy into Morrison Lake. See article in Newsletter.

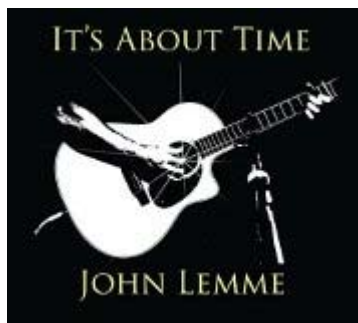
- Gord Kobe to follow up with MNR re this.

8. Ralf Buschke announced Southlake Rd will be closed Sat Sept 8 for a triathlon Logs, Rocks and Steel through Torrance Barrens.

BUY/SELL/RENT/ADVERTISE

John Lemme debut CD!!!

Long time friend to Morrison Lake, John Lemme, released his debut CD last November. It's About Time, named for the fact that it was about time he did this, features 11 tracks many of which you would likely know well enough to sing along with. Come to think of it, many of you may have sang with John at a bonfire or two here at the lake. For more information on the CD and to hear sample tracks visit, www.JohnLemme.com. Congratulations John!



Morrison Lake's South Shore Contracting:



Morrison Lake's South Shore Contracting, is an insured sole proprietorship business located on Morrison Lake.

Specializing in renovations and restorations and custom work, including custom cabinetry and doors. Emergency services are also available.

Call Gord at any time. Home and business number 705 - 687- 4149. Cell 705 - 706 - 1839.

MORRISON LAKE COTTAGE FOR SALE - \$550,000

PRIVATE - NO REALTORS PLEASE

OPEN HOUSE this weekend on **Sunday from 3 - 4 oclock.**

1013 Green Place Rd

(Off South Morrison Lake Road)

5th driveway on the right to Green Place Rd- then second driveway on the left

VIEW AMAZING SUNSETS FROM YOUR OWN HOT TUB !

West facing 4 Season Cottage

3 bedrooms

2 washrooms

2 walkouts to huge deck and hot tub

Open Concept

Pine kitchen with Breakfast Bar

SS Fridge BI Dishwasher/Jenair Propane BBQ/Cooktop

Farmers Sink

Main Floor Laundry

Air Conditioning 2 Wall Units 1 LR / 1 MB

2 Fireplaces 1 wood - LR / 1 propane - MB

Seperate Sleeping Bunky with "out house"

100 ft Sandy Shoreline.

Large flat lot

Fire Pit

Drilled Well

Satellite

Septic

Hot tub

Large wrap around deck with glass railing

Generator

Security System

Storage sheds

Tastefully decorated

****Furniture, Sea-Do Jet boat and Kayaks for sale****

Owner/inquiries

Deborah or Mark

deborahdgallo@gmail.com

416-420-9900

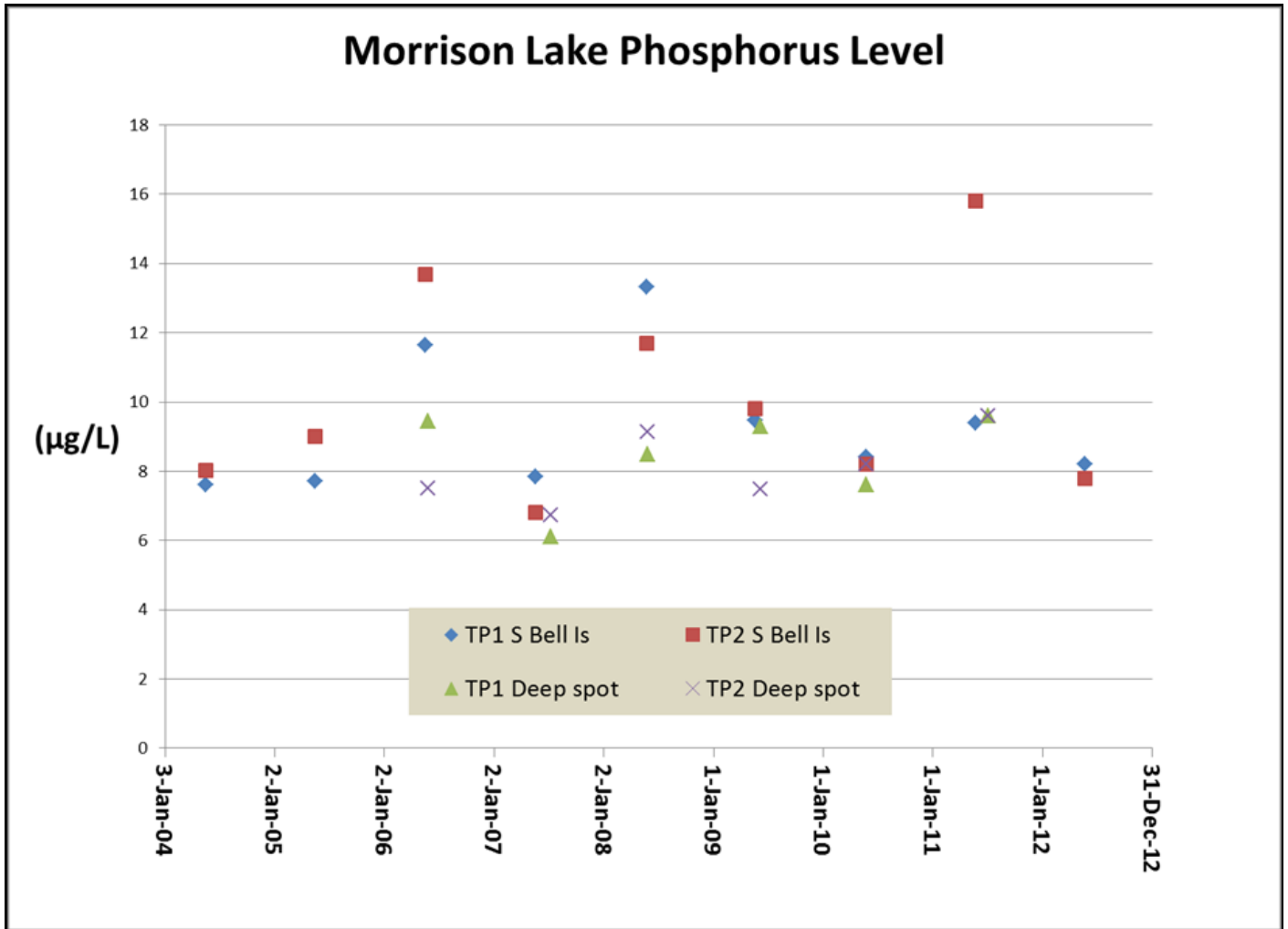
**MORRISON LAKE
FIRST ANNUAL CURLING BONSPIEL
FEBRUARY 2, 2013**

John and Donna Gordon hosted the first annual Morrison Lake curling bonspiel this past February on a cold and snowy ground hog day. Here are some photos from the big event.



Water Quality for Morrison Lake for 2012

Report submitted by Bob Bruce



Data from

http://www.ene.gov.on.ca/environment/en/local/lake_partner_program/STDPROD_078989.html

Likely problem in 2006 and 2008 at S of Bell Is, Deep spot location OK

Outlier – likely zooplankton contamination - ignore

Interpretation of TP and Secchi Results

The following information will assist with interpreting Lake Partner Program total phosphorus and Secchi results. These results are posted each year in separate tables on the webpage. Since 2002, total phosphorus analyses have been conducted at the Dorset Environmental Science Centre (DESC), low-level laboratory. These data are approximately ten times more precise than data collected before 2002. With the DESC results, the average difference between identical samples is approximately 0.7 µg/L compared to those collected previously which were different by approximately 6 to 10 µg/L. Total phosphorus results collected before 2002 are found in the **Pre-2002 Total Phosphorus Means** table and are expressed as annual means of all data collected. By averaging several years of these data, we can describe average concentrations prior to 2002 but the data should not be used to examine trends through time.

Total Phosphorus

Total phosphorus concentrations are ideally used to interpret nutrient status since phosphorus is the element that controls the growth of algae in most Ontario lakes. Increases in phosphorus will decrease water clarity by stimulating algal growth. In extreme cases, algal blooms will affect the aesthetics of the lake and/or cause taste and odour problems in the water.

Many limnologists place lakes into three broad categories with respect to nutrient status. Lakes with less than 10 µg/L TP are considered oligotrophic. These are dilute, unproductive lakes that rarely experience nuisance algal blooms. Lakes with TP between 10 and 20 µg/L are termed mesotrophic and are in the middle with respect to trophic status. These lakes show a broad range of characteristics and can be clear and unproductive at the bottom end of the scale or susceptible to moderate algal blooms at concentrations near 20 µg/L. Lakes over 20 µg/L are classed as eutrophic and may exhibit persistent, nuisance algal blooms.

Note: Tea stained lakes, with high dissolved organic carbon (DOC), are called dystrophic lakes and do not share the algal/TP relationships described above. Generally there can be more TP in a dystrophic lake without the occurrence of algal blooms. The chemistry of these lakes is quite complex. 2

Water Clarity – Secchi Depth readings

As we know, increases in phosphorus will decrease water clarity by stimulating algal growth. This is not to say, however, that water clarity can be used to infer nutrient status. Light penetration in the lake can be controlled by DOC or by non-biological turbidity. Water clarity can also be altered by invading species such as zebra mussels. It is always best, therefore, to use total phosphorus to evaluate the nutrient status of the lake. Water clarity readings nonetheless are valuable to track changes in the lake that might be occurring that would not be noticed by monitoring TP concentrations alone, e.g. zebra mussel invasions.

Between-year differences in TP concentrations

Now that we have several years of data, volunteers will naturally want to examine their results for trends through time. Three years of data is the minimum number of years required to establish a reliable, long-term mean. In other words, the average of the last three years of data is a useful measure of the current nutrient status of the lake, but there is still not enough data to examine trends. There are some lakes that show relatively large differences between years (see Austin Lake graph) but unless there are tangible reasons for these differences, e.g. large differences in rainfall between years, it is more likely that further data collection will identify one (or two) of these years as anomalies. Most lakes do not usually show large, between-year differences but this is the reason why we collect annual data; so that we can identify what the actual between-year differences should be. It is enough to know that even though the three years of data may show distinct increases or decreases, the trends are probably due to normal between-year variability. It will be interesting to see if some of the trends, such as the slight downward trend noted for Charleston Lake, (see Charleston Lake graph) maintain themselves through time. **Austin Lake**051015202530May-01May-02May-03May-04May-05**Spring Turnover TP (ug/L)****Charleston Lake - Runnings Bay**0.05.010.015.020.025.030.035.005-Nov-0124-May-0210-Dec-0228-Jun-0314-Jan-0401-Aug-0417-Feb-05**Total Phosphorus (ug/L)**3

Seasonal differences in total phosphorus concentrations

Lakes that are off the Canadian Shield are sampled monthly because they are more likely to show seasonal differences in TP concentrations. In cases where concentrations increase towards the late summer, it is important to ascertain whether or not these concentrations could contribute to late summer algal blooms. In many cases, especially in the Kawartha Lakes there are considerable increases in TP concentrations as the ice-free season progresses. In many cases, the concentrations span two or even all three of the classic trophic status categories. Many of the complex seasonal processes in these lakes would be difficult to assess without the data that volunteers collect on a monthly basis.

Anomalous data points

Now that we have several years of data, it is **less** likely that anomalous data points will interfere with our interpretation of the data. These “outliers” can be the result of sample contamination and may be the results of a single zooplankton that was left in the tube after rinsing with unfiltered surface water. In any event, these samples represent a small percentage of the total number of samples and are easy to identify, especially after several years of data have been collected. In some lakes, there may be a consistent source of contamination (high zooplankton densities) that affect some samples but they should not have an effect on the overall data set. This situation can be seen in the Gould Lake (see Gould Lake graph) dataset which shows excellent seasonal patterns and slight between-year trends in the lake. In addition, we can see that there are four outliers. This is an excellent data set that cannot likely be improved through any change in methods. We know that the percentage of outliers is approximately the same (2-5%) whether professionals or volunteers collect these data.

Here are some common questions people ask about total phosphorus analysis.

What are TP1 & TP2? We submit two separate samples for TP analysis. This is a contingency against one sample being lost. Also, if one sample is contaminated, we can retest using water from the PET jar. If we analysed just one sample we would not suspect (for a new lake) that the sample was contaminated and we would lose the data for that year.

Why are we filtering water samples? Large zooplankton will add disproportionate amounts of TP to a sample. For example, if your lake is 10 µg/L, a single zooplankton can increase the reading to 35 µg/L. Filtering the samples removes this source of contamination. Normally there are very few large zooplankton in a water sample, however, the incidence of contaminated samples has dropped significantly since we began filtering samples in 2003.

Questions? please call 1-800-470-8322 or email lakepartner@ontario.ca