
Lake Views
Greater Bobs & Crow Lakes Association Magazine



www.bobsandcrowlakes.ca

Spring/Summer 2015 Magazine

eMail: gbcla@ca.inter.net

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Photo by: Peter Muzik

Your Lake
Your Lifestyle
Your Legacy



President's Message

Welcome back to your lakes!

Winter on Bobs & Crow was cold, snow-covered and challenging-just the way we like it-and we look forward to a cottage season of sun-baked warmth, with comfortable evenings with clear skies and all the opportunities to take advantage of what is important to you when you are on the lake.

Our water levels are in the normal high range for mid May. With average snow falls this past winter, severe cold that produced a deep frost line and unprecedented ice thickness and a dry spring the water levels have been slowly creeping up to where they should be as we put in our docks and ready our boats for the upcoming season.

Breaking News: On June 2 the Federal Government announced that the Bolingbroke Dam will be replaced by a new concrete structure in the fall of 2016 at a cost of \$3.1 Million. This announcement was part of the \$39.4 Million that will be spent by Parks Canada to address years of neglect and much needed repairs to crumbling infrastructure along the Rideau Canal system. The Bobs Lake Dam site will have a technical engineering assessment completed by a yet to be contracted consultant firm by October 2015 with work on the new dam commencing in the late summer of 2016. Parks Canada has stated that the construction should not impact current Parks Canada operation of the water flow (water levels) between Bobs Lake and Christie Lake and the Tay River. The Parks Canada Project Manager will be Mike McLay (P.Eng M.Eng).

The Greater Bobs & Crow Lakes Association has continued through the fall, winter and spring to work and collaborate with our partners in lake sustainability; the Rideau Valley Conservation Authority (RVCA), Ministry of Natural Resources and Forestry (MNR), Ministry of the Environment, Parks Canada, Watersheds Canada, Federation of Ontario Cottage Associations (FOCA), Ontario Provincial Police (OPP), Lake Networking Group, Lake Links and our Stewardship Foundation. Each of these groups/organizations amongst others keep us informed of issues that could affect your enjoyment and safety on the lakes today and the long term prospectus for our lakes tomorrow.

This spring/summer instalment of *Lake Views* brings forward some of these issues brought forward that we as lakeshore enjoyers should take note of and take action on. We would like to give you an opportunity to have fun and learn at our Environmental Awareness Day on July 11th at Crow Lake Beach, at the GBCLA AGM on July 26 at Bedford Hall, and at our 2nd Annual Nature Flotilla '2015 Version' at Oak Shores on August 15. Looking forward to sharing with you at these events:

- Shoreline plantings guides and information
- Algae blooms and aquatic plants study
- Blue-green algae on Bobs
- Lyme Disease and those pesky ticks
- Water safety-swimming & boating
- Septic savvy seriousness
- Bats, Frogs and butterflies

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Lake Views Technical Support



(President's Message cont'd)

- Turtles and our Canadian beavers
- Fishing 101 and engaging our kids in this best summer sport

Please try to plan on joining us and our team of subject matter experts on an environmental journey. You will not be disappointed because it is about the lakes!

We still need volunteers to come forward to help us keep moving forward. Volunteers interested in maintaining buoys and navigational signage, volunteers to test our waters, persons to help maintain our sign boards, individuals interested in planning for BioBlitz 2016 (yes it takes a year to plan!), people who are interested in the development and organization of our Association, a person or two who are interested in editing our 2x/year Magazine Lake Views and a volunteer who is interested in Cottage Safety. Do not wait for someone else to come forward at our AGM, take the first step and give me a call (613 279 3210) to express an interest and then we can determine if you would like to take an active role or a more supportive role in making a difference on our lakes. If nothing else we can have a nice chat on the dock!

I would like to thank all who I have met at their cottage, on their dock or on the lake; who I have had phone conversations with; who have sent me e-mails expressing concern or praise for what we have done as an Association (and the two people who have actually sent me a snail mail letter) or who have continued a pictorial or word dialogue on Facebook. I look forward to meeting more of you around the lake this summer. I encourage you all to spend a few minutes to renew your GBCLA membership through PayPal (go to membership link on www.bobsandcrowlakesassociation.ca) or send your check for \$40 to our Treasurer Dianne Toniolo.



Needles Eye

Photo by: Robyn Muzik



Environmental Awareness Day

By: Jenepher Lennox-Terrion

The GBCLA Wildlife Sub Committee would like to build on the success of their 2012 Turtle Nesting Bed Build, the August 2013 BioBlitz, and the 2014 Nature Flotilla (at Mud Bay basin) with a new opportunity to introduce our community to the wonderful wildlife of Bobs and Crow Lakes.

On July 11, 2015 your Wildlife Sub Committee is arranging a celebratory information sharing session and picnic at Crow Lake Beach to encourage ongoing participation in continuing wildlife exploration and action around Bobs & Crow Lakes.

Experts will join us and share how all of us can help increase the health of our surrounding habitat and the biodiversity of our region. The goal of the event is to educate cottagers on the variety of wildlife found throughout Bobs and Crow Lakes, and how we can protect them, and describe the effect of invasive species on water quality, flora and fauna around the lakes. Most importantly, we will learn how to help identify/contain/remove invasive species and what we can do to protect the water quality and wildlife of our lakes.

This is an opportunity to socialize and connect with other people who are committed to the well-being of Bobs and Crow Lakes and begin a dialogue on the issues concerning butterflies, bats and bees, as well as protecting endangered species.

We look forward to your participation!

Why Conservation Authorities?

Protecting the Health of Our Lakes – Who Does What?

The **Conservation Authorities Act** was created in response to public concerns about the “unhealthy state” of renewable natural resources in Canada as a result of poor land, water, and forestry practices in the 1930’s and 40’s as well as erosion and drought concerns. It was recognized that these issues were better dealt with on a watershed basis. Conservation Authorities were created to bridge a gap between municipalities wholly or in part of the watershed boundary. This practical solution to watershed

management ensures that the needs of all stakeholders are represented.

Good water quality and quantity is essential for healthy people, animals and ecosystems. So who does what to protect the health of our lakes?

The Rideau Valley Conservation Authority (RVCA) helps manage our water so we can all enjoy our lakes and streams more. Three ways that the RVCA achieves this include:

1. Issuing Waterfront Development Permits. Whether you want to build a boat shed or renovate your home, RVCA field experts and engineers in consort with your local municipality help you fulfill your needs and balance the environment’s.
2. Monitoring and Forecasting Water Levels. The RVCA monitors water levels across the Tay Watershed and in partnership with Parks Canada helps better prepare you and your family for spring floods and emergencies.
3. Helping Protect our Drinking Water. Together with the GBCLA the RVCA works to keep drinking water clean.
4. Support the investigation of the causes of algae and aquatic plant growth
5. Monitor implementation of conditions of regulatory approvals

As well, the RVCA monitors lake stewardship, shoreline erosion, providing public outreach and research on algae & aquatic plants and reviewing fisheries on Bobs & Crow so that ecological integrity is maintained and human needs are met.

The Municipalities that govern Bobs & Crow Lakes (South Frontenac, Central Frontenac and Tay Valley):

1. Ensure new development and redevelopment and site changes adhere to development standards which guide decision making regarding future development
2. Encourages committees of adjustment to consider technical recommendations from planning and environmental specialists
3. Create site alteration laws to protect sensitive areas
4. Support sustainable storm water management practices
5. Monitor septic tank system re-inspection and advocate for mandatory programs in sensitive areas



(Why Conservation Authorities? cont'd)

Residents, Businesses, Community groups and Lake Associations:

1. Ensure development and re-development, including septic systems meet appropriate setback requirement
2. Maintain a healthy, vegetated shoreline buffer
3. Ensure that septic systems are properly functioning and well maintained
4. Participate in voluntary septic tank system re-inspection and advocate for mandatory programs especially in sensitive areas

For more information about Conservation Authorities or your Rideau Valley Conservation Authority check out www.rvca.ca.

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Gardening and Invasive Species What You Should Know!

By: Ontario Invasive Plant Council

Gardens are great! Gardens reduce rainwater runoff; produce seeds, nuts, fruit, and nectar; and can reduce heating and cooling needs of your cottage, increase property value and provide shelter and food for wildlife.

But be aware of what is growing in your garden!

Invasive plants are non-native species that out compete native plants for resources and space. They may directly kill native plants, introduce disease, and/or hybridize with other plant species.

Invasive plants typically prefer disturbed habitats, are aggressive, have high reproductive rates, are transported easily and lack natural predators.

There are many things you can do in your garden to manage invasive species.

- Learn about invasive plants and alternatives
- Purchase non-invasive plants
- Keep invasive plants away from natural areas
- Properly dispose of yard waste
- Do not transplant species from natural areas into your garden

Check out www.invadingspecies.com, www.ontarioinvasiveplants.ca, or www.wildaboutgardening.org for interesting and surprising information concerning potentially invasive horticultural plants.

Heather Irving
 Sales Representative
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What happens when the power goes out?

Hydro One's Power Outage Response Procedure

Each spring, summer and fall residents of Bobs & Crow Lakes experience fierce winds, rain and lightning that can cause extensive tree damage that can lead to power outages.

When the electricity does go out, Hydro has a six step recovery plan in place to restore power to their customers as quickly and safely as possible.

The following is Hydro's Six-Step Power Recovery Plan:

1. **Customer call and data collected.** If you have a power outage phone 1-800 434 1235. This is a province wide 24/7 number. Customers can use Hydro's automatic phone system (no need to speak to anyone) which will be automatically sent to the Ontario Grid Control Centre.
2. **Power outage area identified.** Outages are addressed in priority. Emergencies like fires and live lines down have priority.
3. **Prioritize.** The rule "to do the greatest good for the greatest number" adheres to this step. After emergencies, hospitals, fire and police stations and water and sewage treatment plants receive service first.
4. **Mobilize.** Assess the nature and extent of the storm related services and deploy staff and equipment.
5. **Communicate.** During a power outage, Hydro One repair crews keep the Ontario grid control centre up to date on estimated time of restoration (ETR) which you can check on line or by phoning 1-800-434-1235.
6. **Finish the Job.** Employees stay on the job until hydro has been restored to everyone.

To learn more about Hydro One's service check out: www.hydroone.com

Introducing Joshua

We would like to welcome Joshua Bowes to the Bobs and Crow Lakes community as a summer intern for the summer of 2015. Joshua will be a face many of you will see around the lakes as your GBCLA ambitiously offers a number of projects, programs and enhancements around the lakes.

Through a grant by the Bobs & Crow Lakes Foundation and in collaboration with our lake partners at the Rideau Valley Conservation Authority (RVCA) we have been able to secure Joshua as a summer intern from May to September. Joshua will be a key support person to your Executive in encouraging lake stewardship initiatives, providing learning opportunities on our water and shorelines, discovering and making available information on our fish, flora and fauna and helping us gather data to secure our lake as safe and accessible.

Joshua lives down the road in Tay Valley and is a graduate of Trent University in Environmental Sciences. He is familiar with Bobs & Crow Lakes as he has worked with the RVCA as a water tester for several years and he offers much to our lakes with his enthusiasm and delightful personality.

When you see Joshua on the lakes, on your laneway, at one of our summer experiences or at the AGM make a note to welcome him to the lakes.

GBCLA Web Site

To find out more about your GBCLA; to view past issues of your GBCLA Magazine *Lake Views*; to connect with your GBCLA *Facebook* Page; to pay your GBCLA Membership fees using *PayPal*: Please visit the GBCLA web Site:

www.GreaterBobsandCrowLakesAssociation.ca

or write to us at:

GBCLA
306 Island Drive Lane RR #3
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Water Safety on Bobs & Crow Lakes

Can You Tell When a Person Who is Swimming, is in Trouble?

The following excerpt from an article in *Slate Magazine* in 2013 helps us understand swimming and water safety and what to look for while swimming and enjoying water sports on our lakes.

The new captain jumped from the deck, fully dressed, and sprinted through the water. A former lifeguard, he kept his eyes on his victim as he headed straight for the couple swimming between their anchored sportfisher and the beach. "I think he thinks you're drowning," the husband said to his wife. They had been splashing each other and she had screamed but now they were just standing, neck-deep on the sand bar. "We're fine; what is he doing?" she asked, a little annoyed. "We're fine!" the husband yelled, waving him off, but his captain kept swimming hard. "Move!" he barked as he sprinted between the stunned owners. Directly behind them, not 10 feet away, their 9-year-old daughter was drowning. Safely above the surface in the arms of the captain, she burst into tears, "Daddy!"

How did this captain know—from 50 feet away—what the father couldn't recognize from just 10? Drowning is not the violent, splashing call for help that most people expect. The captain was trained to recognize drowning by experts and years of experience. The father, on the other hand, had learned what drowning looks like by watching television. If you spend time on or near the water (hint: that's all of us) then you should make sure that you and your crew know what to look for whenever people enter the water. Until she cried a tearful, "Daddy," she hadn't made a sound. As a former Coast Guard rescue swimmer, I wasn't surprised at all by this story. Drowning is almost always a deceptively quiet event. The waving, splashing, and yelling that dramatic conditioning (television) prepares us to look for is rarely seen in real life.

The Instinctive Drowning Response is what people do to avoid actual or perceived suffocation in the water. And it does not look like most people expect. There is very little splashing, no waving, and no yelling or calls for help of any kind. To get an idea of just how quiet and

undramatic from the surface drowning can be, consider this: Drowning **is the No. 2 cause of accidental death in children, ages 15 years and under** (just behind vehicle accident). In 10 percent of those drownings, the adult will actually watch the child do it, having no idea it is happening. Drowning does not look like drowning as described in the Instinctive Drowning Response:

- "Except in rare circumstances, drowning people are physiologically unable to call out for help. The respiratory system was designed for breathing. Speech is the secondary or overlaid function. Breathing must be fulfilled before speech occurs.
- Drowning people's mouths alternately sink below and reappear above the surface of the water. The mouths of drowning people are not above the surface of the water long enough for them to exhale, inhale, and call out for help. When the drowning people's mouths are above the surface, they exhale and inhale quickly as their mouths start to sink below the surface of the water.
- Drowning people cannot wave for help. Nature instinctively forces them to extend their arms laterally and press down on the water's surface. Pressing down on the surface of the water permits drowning people to leverage their bodies so they can lift their mouths out of the water to breathe.
- Throughout the Instinctive Drowning Response, drowning people cannot voluntarily control their arm movements. Physiologically, drowning people who are struggling on the surface of the water cannot stop drowning and perform voluntary movements such as waving for help, moving toward a rescuer, or reaching out for a piece of rescue equipment.
- From beginning to end of the Instinctive Drowning Response people's bodies remain upright in the water, with no evidence of a supporting kick. Unless rescued by a trained lifeguard, these drowning people can only struggle on the



surface of the water from 20 to 60 seconds before submersion occurs.”

This doesn't mean that a person that is yelling for help and thrashing isn't in real trouble—they are experiencing aquatic distress. Not always present before the Instinctive Drowning Response, aquatic distress doesn't last long—but unlike true drowning, these victims can still assist in their own rescue. They can grab lifelines, throw rings, etc.

Look for these other signs of drowning when persons are in the water:

- Head low in the water, mouth at water level
- Head tilted back with mouth open
- Eyes glassy and empty, unable to focus
- Eyes closed
- Hair over forehead or eyes
- Not using legs—vertical
- Hyperventilating or gasping
- Trying to swim in a particular direction but not making headway
- Trying to roll over on the back
- Appear to be climbing an invisible ladder

So if a crew member falls overboard and everything looks OK—don't be too sure. Sometimes the most common indication that someone is drowning is that they don't look like they're drowning. They may just look like they are treading water and looking up at the deck. One way to be sure? Ask them, “Are you all right?” If they can answer at all—they probably are. If they return a blank stare, you may have less than 30 seconds to get to them. And parents—children playing in the water make noise. *When they get quiet, you get to them and find out why.*

Your Concerns on Marine Safety on Bobs & Crow Lakes

By Dick Johnston

For the 2015 cottage season I have plans to address the items discussed in the fall issue of Lake Views, and areas of concern fellow cottagers have brought to my attention. The success of these plans will be achieved through the continued efforts of our volunteers and utilizing the time, energy, enthusiasm and experience of our summer intern, Joshua Bowes.

Buoys

Thank you again to all those volunteers involved with the fall removal and spring deployment of our markers. This year we had to dip into our inventory to replace lost or missing markers. I will be contacting everyone to ensure we have enough buoys, update our records as to where they are deployed and ensure our inventory contains enough spares. I have ordered replacement reflector tape for those markers that need repair.

If anyone finds a 'stray, lost or homeless' marker please notify me and we will see that it gets returned and/or finds a new home.

If you know of a location that requires a marker and are prepared to help us manage these markers please contact me.

Signage

As part of our enhanced signage initiative we have procured new metal signs made with highly reflective lettering. The wording reads “Slow Down – No Wake – No Waves – It's The Law!” This year we plan to replace the existing yellow and black “Dead Slow – No Wake” signs with the more durable metal ones. Based on the condition of the yellow and black signs, they may be redeployed to other areas around the lake.

Water Level-Parks Canada

As a follow-up to our September 2014 meeting the following was implemented: New gauges were installed at the Bolingbroke Dam; and, an engineer was hired to oversee the monitoring and maintenance of the Dam. The gauges functioned properly through the fall, winter and spring. They provided Parks Canada with improved information (rain flow, snowfall, water flow rate and water level) to assist with better and more accurate water level management. The engineer



(Marine Safety cont'd)

was on site frequently and provided feedback to the GB&CLA Executive on the status of the Dam, the water level and any areas of interest or concern. To date the improved reporting and monitoring indicates that the levels are within the 'rule curve' range identified in the Rideau Canal Water Management Strategy. We will continue meeting with Parks Canada regarding future work on the Bolingbroke Dam and improving more timely information sharing regarding water levels.

Emergency Access to the Lakes

At the start of this report I mentioned the energy and enthusiasm of Joshua Bowes, the summer intern. The GB&CLA Executive has already put Joshua to work on this initiative, given its importance.

We have started visiting different sites around the lakes to gather information relating to: location; direction; description; accessibility; condition; and, dimension, etc. Each site will be visited in early June, July, August and September to determine if the lower water level of the lake negatively affects the use of the ramp(s). Using this data we will be in a better position to identify the best emergency access sites for all areas on the lakes.

At the same time the site information is being collected we will be working with each townships emergency response team to ensure they have the most current information regarding access.

A critical component we are missing relates to information on water only access properties. We do not have complete records indicating where these properties are or who owns them. As part of this year's registration process we will be asking owners to self-identify their locations. We will then be in a position to provide them with the most current access information.

The majority of launch sites are owned / maintained by commercial establishments, road associations or private individuals and I would like to thank them for permitting us access to their properties in order to gather this information.

Pleasure Craft License-Transport Canada

For those if you who may not aware of the requirements regarding Pleasure Craft Licences I thought I would summarize my findings following discussions with Transport Canada. Transport Canada is responsible for boating safety in Canada and has stated that "a valid pleasure craft license helps law enforcement and search

and rescue workers identify pleasure craft in emergency situations".

Since your own situation may be unique I will give you a few highlights. Some of these changes came into effect in 2010, but since I had no need for a new licence, I was not aware of many of them.

1. Any pleasure craft licenced on or after 2010 will have to have the licence renewed 10 years from the date of issue.
2. Any pleasure craft licenced prior to 2010 will be 'grandfathered' i.e. there is currently no renewal date.
3. If any owner information (address, telephone) has changed an Application for Pleasure Craft Licence has to be submitted to Transport Canada. This applies to all licenced pleasure craft regardless of when it was licenced.
4. If a craft is bought, sold, sunk, disposed of, or gifted or there is any other changes in ownership an application has to be submitted.
5. If there is an upgrade to the motor that results in the motor being 10hp (7.5kw) or more you must have a valid licence.
6. If you are applying for a new licence and do not have a Bill of Sale a special declaration must accompany the application.
7. Documentation relating to ownership of the craft must be carried on the pleasure craft.

What started out as a simple request to get new numbers for a 35 year old fishing boat became a very interesting series of questions where I tried to cover all the different scenarios relating to pleasure craft licences. I am sure there are some I have missed. The simplest way to look at pleasure craft licences is – you should consider the pleasure craft with the same mind set as you would a car.

I found the individuals I contracted at Transport Canada (e-mail, phone) to be very helpful so if you have addition questions, they will be able to answer them. They also mentioned that a new computerized on line system should be available within the next couple of months that will eliminate the need to send in paper applications. Updates and renewals will be done on-line. For more information on licensing please visit www.tc.gc.ca-marine-vessels-pleasurecraft-pleasurecraftlicencing



Live Music in Summer

By Larry Arpaia

Over the years I have been most impressed by the music scene as it has evolved in the large and small communities within 45 minutes of Bobs & Crow Lakes especially during the summer. I have enjoyed a wide range of music from jazz and blues to country and folk with a nice sprinkling of rock, Celtic, contemporary and new age. Music has been offered by locals and legends, played solo or with a group, yet has always been most entertaining and of excellent quality.

Look at this sample of live music venues for this summer and check out the varied artists who will be performing at:

- The Cove Country Inn in Westport (www.coveinn.com) ;
- The Crossing Pub at the Sharbot Lake Country Inn (sharbotlakeinn@live.com) ;
- O'Reilly's Ale Pub (www.oreillyspubperth.com) in Perth;
- The Toucan Irish Pub in Kingston (www.thetoucan.ca) ;
- The Mansion (www.themansionkingston.com) in Kingston;
- The Bolingbroke Cafe (www.abchall.ca) in Bolingbroke.

If you like music festivals you may enjoy spending a day or part of a day at:

- Stewart Park Festival in Perth July 17, 18 & 19th (www.stewartparkfestival.com) ;
- Wolfe Island Music Festival on August 7 & 8 (www.wolfeislandmusicfestival.com)

Enjoy live music this summer! Something for everyone after that day on the lakes.



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Nature Flotilla - 2015

By Dianne Toniolo

August 15 2015 10:00 am to 2:00 pm

A FUN DAY FOR THE WHOLE FAMILY

Come by kayak, canoe, dingy, run about, leisure craft or pontoon boat.

Bring your family, friends, neighbours, children, grandchildren or neighbour's children/grandchildren.

To a wonderful lake experience, the GBCLA's second annual Nature Flotilla (Oak Shores Edition) and rafting lunch.

This event is a self-guided tour, of 5 sites held near Oak Shores in the West Basin. We will have at each site an expert who will give a fun, informative and most educational presentation about:

- Everything you have always wanted to know about turtles
- Protecting your shoreline to attract wildlife to your waterfront property
- The fascinating life and importance of bats to our ecology
- Understanding algae and aquatic plants and what they mean to us
- How beavers make our environment better!

A map showing each site will be provided with details of this event and posted on our website.

Look for interesting giveaways from Rideau Valley Conservation Authority, Centre for Sustainable Watersheds, the Toronto Zoo and our turtle expert.

To be held in the West Basin near Oak Shores (southwest corner of West Basin) followed by a rafting lunch (bring your own) where you can share your day with others.



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Water Quality Testing Results – 2014

By Jeff Carabott

The Lake Partner Program (LPP) has compiled the Lakes' testing data for 2014. Again, we thank the dedicated group of volunteers who conduct regular water quality testing at various key locations of our lakes, from May through September.

The LPP is a province-wide, volunteer-based, water-quality monitoring program. Volunteers collect total phosphorus samples and make monthly water clarity observations on their lakes. This information will allow the early detection of changes in the nutrient status and/or the water clarity of the lake due to the impacts of shoreline development, climate change and other stresses.

Why Sample?

High levels of phosphorus can lead to algal blooms and in some cases affect the habitat of cold water fish such as lake trout. By sampling the total phosphorus each year it is possible to detect a change in the nutrient status of your lake. It is important to note that several years of data must be collected to observe the normal, between-year-differences before a trend can be identified.

While total phosphorus concentrations are the best way to describe the nutrient status of your lake, regular Secchi depths can also help to identify changes in water clarity that are not linked to nutrient status (zebra mussels, climate change, etc.).

The LPP Annual Report may be downloaded by visiting their website at <http://desc.ca/programs/LPP> or on the FOCA website <http://foca.on.ca/lake-partner-program-sampling-assistance/>

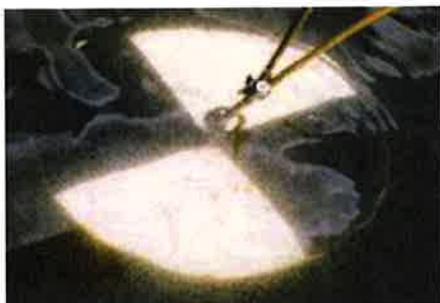
*******We are in need of a water quality tester for Crow Bay.*******

Only a few minutes of your time are required, once or twice a month, between May and September. If anyone is interested, please email Bonnie Carabott at jcarabott@sympatico.ca.

Many thanks to Bob & Sandi Greyell, for faithfully performing water quality testing in the Central Narrows since 2007. Thank you to Carsen Jen for volunteering to take over testing for the Central Narrows.

Secchi disk readings are interpreted as follows (the higher the reading, the clearer the water):

- Over 5.0m – oligotrophic lake condition (unenriched, with few nutrients)
- 3.0 to 4.9m – mesotrophic lake condition (moderately enriched, with some nutrients)
- Less than 2.9m – eutrophic lake condition (enriched, with higher levels of nutrients)



Secchi disk

Location	Avg. Secchi disk 2014 (m)	Avg. Secchi disk (m) 1996-2013
Buck Bay	-	4.3
East Basin	5.1	5.5
Crow Bay	-	4.5
Central Narrows	4.0	4.5
Green Bay	6.3	5.9
Long Bay	4.8	4.6
Mill Bay*	3.7	3.0
Mud Bay	5.2	5.2
Norris Bay	4.3	4.9
West Basin	3.9	4.5
Crow Lake	4.6	5.1

*Mill Bay average does not include 2006-2009, and 2011-2013. No data was collected during these periods.



(Water Quality Testing Results – 2014 cont'd)

Total Phosphorus (TP) readings are measured in micrograms per litre (ug/L), and are interpreted as follows (generally, the lower the reading, the clearer the water):

- 10 micrograms per litre or less – oligotrophic, few nutrients
- 10 – 20 micrograms per litre – mesotrophic, moderately enriched
- 20 micrograms per litre or more – eutrophic, enriched, higher levels of nutrients

Readings are taken in May.

Location	Avg. TP (ug/L) 2014	Avg. TP (ug/L) 2002-2013	Avg. TP (ug/L) Pre-2002
Buck Bay	10.4	10.1	9.0
East Basin	14.3	8.8	11.0
Crow Bay	-	9.7	7.0
Central Narrows	9.6	9.8	11.0
Green Bay	11.0	9.3	11.0
Long Bay	7.4	9.8	16.0
Mill Bay*	11.9	16.0	17.0
Mud Bay	9.6	8.1	8.0
Norris Bay	8.2	10.4	14.0
West Basin	12.3	12.7	10.0
Crow Lake	9.1	8.7	9.0

*Mill Bay average does not include 2008-2010, and 2012-2013. No data was collected during these periods.

RVCA Water Quality & E.Coli Testing

The Rideau Valley Conservation Authority (RVCA) once again conducted water clarity and E.Coli bacteria testing in 2014, as part of their Watershed Watch program.

Thank you to Sarah MacLeod-Neilson for summarizing the data collected:

Overall results for both lakes are quite good.

Nutrient parameters, total phosphorus (TP) and total Kjeldahl nitrogen (TKN) were below their respective objectives of 0.500 mg/l and 0.020 mg/l at the majority of sites, and overall concentrations at all deep points met or were below objectives.

Calcium was below the threshold of 20 mg/l at all bays, with the exception of Green Bay, and just exceeded the threshold in Crow Lake. At this concentration (20mg/l) zebra mussels are more likely to establish colonies and complete their life cycle. **Therefore, it is important property owners and users of the lake remain vigilant in protecting against the spread of this invasive species, particularly at public access points in these two areas.**

E. coli, which is used to assess the suitability for recreational use, was below the Provincial Water Quality Objective (PWQO) of 100 colony forming units per 100ml (CFU/100ml) at all sites. Site B in West Basin (by Eagle Creek) did report an average result of 79 CFU/100ml which is higher than other monitored sites. This was due to an elevated sample in August (136 CFU/100ml), however the



(Water Quality Testing Results – 2014 cont'd)

previous sample in June was well below the guideline at 22 CFU/100ml. While this site has exceeded standards in the past (Oct. 2003), this is most likely indicative of a temporary contamination (i.e. waterfowl, other wildlife), given the productive habitat associated with the site.

For more information, check the RVCA Watershed Watch website:

http://www.rvca.ca/programs/wwatch/watershed_watch.htm

We are in need of volunteers (with a boat) to spend a few hours taking an RVCA representative to various test points around the lakes this summer. If anyone is interested, please email Bonnie Carabott at icarabott@sympatico.ca.



Photo by: Peter Muzik

Photo by: Peter Muzik

Photo by: Marlene Keenan

Photo by: Pat Grace

Sunset Country Campground

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K0H 2V0

West Basin Bobs Lake
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Sunsetrv@gmail.com

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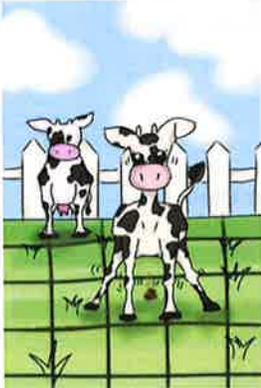
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Ontario K7H 3C8

Tel. 613-267-5206
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Toll Free 1-800-645-9639

"Your Neighbourhood Professionals"
brad@valleywatertreatment.ca



The Bobs & Crow Lakes Foundation hosts The Fifth Frontenac Frolic



THE FRONTENAC FROLIC
Saturday August 1st, 2015
9:00 am to 2:00 pm
Bedford Hall, 1381 Westport Road
Just 20 minutes west of Westport
10 minutes east of Godfrey



Plan a great day for all the family this summer.

Large flea market, outstanding silent auction items.

Books and CDs and DVDs at ridiculous prices.

Purchase homemade treats from the baking tables.

Let the children will love the pony rides and the petting zoo from West Winds Ranch near Westport.

Lots of food and drinks will be available.

COW FLOP BINGO. Starts at 11:30 am

A Holstein cow from the Barr Farm will be led onto the field. The winning ticket numbers will be determined by where the cow "flops" on the bingo grid. First prize - \$1800. Second prize - \$900. Third Prize - \$500.

For more information go to

www.bobs-and-crow-lakes.org or call 613 273-5236.

Your Foundation is a registered charity that raises monies for many of the projects around the greater Bobs and Crow Lakes area. Come and be part of the fun, meet your neighbours, make new friends, play the "Cow Flop Bingo" and have a fun filled summer day with your family and your weekend house guests.

Door prizes too and more!!!

HOW YOU CAN HELP TO MAKE THIS DAY A SUCCESS

To make this day a success we need your help! As part of your spring cleaning can you collect items from your city homes and cottages to donate to the rummage sale/flea market? All items must be in good condition and in working order. No appliances, TVs, children's car seats or cribs or clothes will be accepted. Any items left after the sale will go to charity.

Books, CD's and DVDs and games also welcomed. Rummage sale/flea market items can be delivered to the Bedford Hall on Friday, July 31.

However, if that is not convenient earlier arrangements can be made to deliver your items to a specific location or have them picked up by calling
(613) 273-5236 or (613) 374-1539



The Bobs and Crow Lakes Foundation

OUR LAKES OUR VOICE FOUNDATION GIFT FORM

The Bobs & Crow Lakes Foundation needs your continued support. Through your donations you can be personally involved in the work for the area of the lakes and see the benefits of your contributions. Tax receipts, applicable for both Canada and the United States, can be issued for your donations.

A gift to the Foundation is also an excellent way to recognize birthdays and special occasions or acknowledge the memory of someone special to your family.

Yes, I would like to make a donation to the Bobs & Crow Lakes Foundation to support the work for our lakes.

Enclosed please find my cheque, made out to the Bobs & Crow Lakes Foundation, for the amount of \$.....

Mail your donation to:

***Alexander Cameron
Treasurer, B&CL Foundation
P.O. Box 482
Verona, Ont. KOH 2W0***

**A tax receipt will be issued for amounts of \$25.00 or more.
The Foundation thanks you for your gift, a gift that will help to make a difference in the support of our beautiful area. Together we can do so much.**

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**Greater Bobs and Crow Lakes Association
Membership Application / Renewal Form**

Date: _____

Name: _____

Email: _____

Magazine by Email: Yes / No

Mailing Address:

Summer Address (911 number):

Winter telephone: _____

Summer telephone: _____

Township (Please circle appropriate) Central Frontenac, South Frontenac or Tay Valley

Cottage Location (select appropriate location):

Bobs Lake West Basin (Big Bobs)

Crow Bay

Central Narrows

Long Bay

Green Bay

Buck Bay

Mud Bay

Norris Bay

Mud Bay Basin

Mill Bay

Bobs Lake East Basin

Crow Lake

Annual membership dues are **\$40.00**. Corporate member is **\$75.00**.

If you wish to donate additional funds please indicate amount \$_____. If this donation is to be used for a specific purpose let us know.

Please make cheques payable to Greater Bobs and Crow Lakes Association. Membership form and cheques may be given to any Lake Association Board member, or mailed to:

Greater Bobs & Crow Lakes Association
c/o Dianne Toniolo
31 Acorn Lane
Tichborne ON K0H 2V0

Membership enquiries: di.toniolo@gmail.com

To pay by **PayPal** visit our website at www.bobsandcrowlakes.ca