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# NEWSLETTER

SUMMER  
2016

*We're dedicated to keeping Charleston Lake beautiful in every way!*

[www.charlestonlakeassociation.ca](http://www.charlestonlakeassociation.ca)

## President's Message

Another summer of swimming, fishing and boating is upon us and I know we are all excited to get back to beautiful Charleston Lake.

As usual CLA/CLEA directors are busy planning numerous activities.

Our highly successful Youth Programs offer a wide range of opportunities for area children and are quickly filling up. Please see the ad in this newsletter. Also the Charleston Lake Regatta and BBQ will once again take place on July 31st at the Sand Bay Community Park with fun, food and activities for all.

Don't forget to register for our annual Doug Hale Memorial golf tournament. This is a significant fund raiser for CLA/CLEA.

Healthy shorelines continue to be an important factor in keeping Charleston Lake special. Recognizing this fact, CLEA's Shoreline Challenge Program is up and running for a 3rd year. Why not give it a try this year. Deadline to enter is June 24th, on line or by mail, details in this newsletter.

Good news from MNR. Based on recent studies conducted on Charleston Lake, results indicate that Cisco (forage food for lake trout) populations are improving and our Native Lake Trout populations look good and healthy. More details in this newsletter. A recent concern in our area is the decline of our Beech trees. Read more about this problem on the web at Ontario MNRF Beech Bark Disease.

Declining membership is still a concern. However, our Membership Committee is tackling this troublesome issue with the aim of creating better awareness of the benefits of being a CLA member. If you know any newcomers, please advise us so they can be contacted.

Please plan to attend our annual AGM, Saturday July 9th and bring your questions and concerns.

Watershed Canada will be setting up a booth focusing on the benefits of healthy shorelines.

I wish everyone a healthy, safe and enjoyable summer.

**Bill Hallam**

## Charleston Lake Shoal Markers

Shoal marker placement is an important service provided by the Charleston Lake Association to keep Charleston Lake a safe place to enjoy a day out on the water.

The Association is responsible for placement and upkeep of the shoal markers. There are 75 combined shoal markers and NO WAKE buoys throughout the nine mile length of the lake. Each of these buoys consists of a hazard marker, high quality galvanized chain and a 50 lb. anchor attaching it to the designated area. The cost of each of these markers is \$350 and each year between 10 -20 of the markers need to be replaced due to being constantly exposed for the months from May to

November. The shoal markers are taken out in mid November, cleaned and repaired so that they are ready to be replaced in early May, just in time for the boating season to start again.

In the last few years we have designed some buoys with new eco-friendly "green" solar lights, which give boaters peace of mind when heading across the lake at night.

Hitting a shoal can cause damage in the hundreds (or even thousands) of dollars to your boat. For \$40 annual fee, you can become a member and support this service, as well as the many other benefits offered by the CLA.

Special thanks to Gary and Faith Bellisle for the continued use of their pontoon boat each Fall and Spring to remove and replace the markers. And as always, special thanks to the team of volunteers who are responsible for getting the job done: Robbie Gibson, Cody Johnston, Tyler Reuvers, Bobby Cavalero, Tom Sizer and Dave Rollich.

Next time you are out on the water and see one of these buoys rocking back and forth marking a dangerous spot, you can be thankful that you and your family can enjoy a safe journey on the beautiful waters of Charleston Lake.

**Robbie Gibson**

# OPP Advice for Safe Boating on Charleston Lake

At the start of another boating season, the Ontario Provincial Police remind boaters that there are some things we can do before getting ready to head out on the water.

- Check your boat and equipment - hull, motor, battery, etc.
- Make sure that all lines, anchors are in good condition.
- Check your oil and fuel levels.

Questions we can should ask ourselves before we take to the water :

- Are there enough suitable Personal Flotation Devices of appropriate size for everyone on board?
- Is all of the required equipment in good working order?
- Do you have ample reserves of fuel for the trip or will you need to refuel?

- Do you have maps and charts?
- Is your VHF radio working?
- Do you have a first aid kit, basic tools and spare parts?

The OPP patrols all bodies of water in Ontario during the boating season and they stress that there are THE BIG FOUR that they are looking for when out on the water:

- Boating License
- Fishing License
- Adequate number and condition of PFDs
- Alcohol use

You must carry a Pleasure Craft License with you to operate a motorized watercraft of any size.

It is recommended that all boaters wear a lifejacket or PFD at all times - it's too late once you are in the water!

Operating a boat while impaired by alcohol or drugs comes with the same consequences as driving a vehicle while impaired.

There are a number of websites where you can get information about boating safety:

On-board safety equipment: [www.tc.gc.ca/eng/marinesafety/tp-menu-515-4372.html](http://www.tc.gc.ca/eng/marinesafety/tp-menu-515-4372.html)

Complete information about boating: [www.tc.gc.ca/eng/marinesafety/debs-obs-menu-1362.htm](http://www.tc.gc.ca/eng/marinesafety/debs-obs-menu-1362.htm)

Marine Transportation Acts: [www.tc.gc.ca/eng/acts-regulations/acts-marine.htm](http://www.tc.gc.ca/eng/acts-regulations/acts-marine.htm)

**Pierre Menard - V.P. North**

## FISHING DIARIES ARE AVAILABLE AT KELSEYS AND LAKELINE LODGE AND TWISTS

PLEASE HELP OUR FISHING RESEARCH BY FILLING IN A DIARY!

### CHARLESTON LAKE ASSOCIATION INFORMATION CENTRE

109 CHARLESTON LAKE ROAD  
613-924-0149

The Information Centre will open on Saturday, May 28th, and will be open each weekend during June and July. In August, it will be open Thursday to Monday each week.

Hours will be 10.a.m - 4.p.m

## BURSARY RECIPIENTS

*To celebrate and support local youth, CLA awards two bursaries each year, one to a student at Athens District High School and one to a student at Gananoque Secondary School.*

### THE RECIPIENTS IN 2015 WERE

#### ATHENS DISTRICT HIGH SCHOOL:

**Kristi Dejkema** - Marine and Freshwater Biology Program - University of Guelph

#### GANANOQUE SECONDARY SCHOOL;

**Bennett Wagar** - Agriculture Program - University of Guelph

*Two more bursaries will be awarded at Graduation at these schools at the end of June.*

# Lake Trout Monitoring

A Broadscale Monitoring (BsM) lake assessment was performed on Charleston Lake in 2014. We now have some more comprehensive data to present regarding the metrics of the Lake Trout population. Lake Trout in Charleston Lake are "Large Bodied" lake trout, they are mainly piscivorous (fish eating) compared to the "small bodied" lake trout found in some other FMZ 18 lakes which are predominantly insectivorous (insect eating).

The Lake Trout Lengths illustrated in Fig. 1 are the number of lake trout which fall into a variety of size ranges. The distribution of lake trout lengths in Charleston Lake is what would be expected for a healthy lake. The smallest fish (below 150mm) generally do not get caught in the net and so are not often captured in this data unless incidental. We would hope to find that the majority of fish are in the mature category (400mm and greater) and that there is a good population ready to move into that category. The average size of fish in Charleston Lake is very much in line with other lakes in Zone 18.

The Lake Trout Weights illustrate that the majority of lake trout caught were in the 400-500g range (about 1 lb) which again relates well to the length chart. Most of the fish in the lake are just below or at the age of maturity and there are a few large fish in the lake as well.

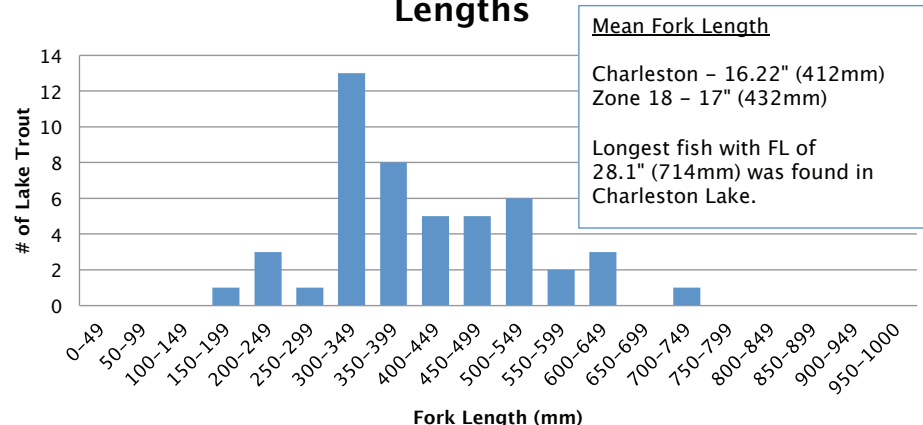
The Lake Trout ages reinforce the composition of the lake trout population in Charleston Lake. Lake trout generally mature between the ages of 5 and 10 years old (FMZ 18 data show 50% maturity at 7 years for males and 8 years

for females) which is the age range where the majority of the population falls in Charleston Lake. With a good strong spawning population and good recruitment (young fish coming up) the population in Charleston looks good and healthy. Further broadscale assessments will provide more conclusive recruitment data as the stocked component of the population ages out of the prime maturity classes.

*Lisa McShane – Management Biologist.  
Ontario MNRF*

**Figure 1**

## Charleston Lake – 2014 BsM Lake Trout Lengths



## Membership Committee

### CHARLESTON LAKE ASSOCIATIONS CLA/CLEA

*"Dedicated to Keeping Charleston Lake Beautiful in Every Way"*

- Management Plan Alive & Active
- Protecting Water Quality Through Testing
- Maintaining Healthy Fisheries
- Restoring And Protecting Our Shorelines
- Shoal Marker Placement
- Youth And Family Lake Programs

[www.charlestonlakeassociation.ca](http://www.charlestonlakeassociation.ca)

*Supported Through Membership  
Membership Driven  
Join Our Membership*

Charleston Lake Association has formed a new membership committee to raise awareness of the Association, its mandate and mission statement, which is "Dedicated to keeping Charleston Lake Beautiful in every way".

The members of this committee are Irene Ireland, Pierre Menard, Yvonne Landon and Wayne Gill. They hope to develop a higher profile for the Association and its services through new and informative signage and increasing flyer and newsletter distribution in key areas. A welcome package will be offered to new

members to introduce them to the lake community and to help people to realise how important CLA is for the continued health and success of the lake. CLA is supported through membership fees of \$40 which provide various benefits such as Youth programs, shoal marker placement, shoreline protection, water quality monitoring and healthy fisheries.

If you have any new neighbours, please feel free to introduce them to CLA - welcome packages will be available at the Information Centre.

**Irene Ireland - Membership**

# Charleston Lake Environmental Association 2016 Doug Hale Memorial Golf Tournament

Mark your calendars now for Saturday August 13th for our 9 hole golf tournament at the Cedar Valley Golf Course, 7041 County Road 29 (at Highway 42). We begin with a putting contest at 9:00 AM with the 9 hole scramble start at 9:30 AM.

Golf will be followed by a social hour with lunch beginning at 1:00PM. We plan an early wrap up around 2:30pm so everyone can enjoy the rest of the day. Those who wish to come for lunch only are most welcome.

Let's keep Doug's memory alive by supporting the Charleston Lake

Environmental Association! Remember 100% of all net proceeds go toward the environmental programs which will help keep Charleston Lake in pristine condition, now and for future generations.

So get your team, complete the attached registration form and forward it to us ASAP.

Thanking you in advance.

Wayne Ashford 613-659-4715  
Pierre Menard 613-924-6212  
Golf Tournament Co-Chairmen  
Charleston Lake Environmental Association  
PO Box 609, Athens ON K0E 1B0



## SATURDAY, AUGUST 13TH, 2016 AT THE CEDAR VALLEY GOLF CLUB

7041 County Road 29 at Highway 42 (613) 342-2158

*All Proceeds go toward our Environmental Association Project*

*Entry Fee Includes: Golf, Door Prizes, Buffet lunch, Golf Prizes, Lots of Social Exchange, Putting Contest  
Cedar Valley, Lunch, Teams of Four Scramble (Shotgun Start)*

|                                   | FEES | MEMBER | ONLY |
|-----------------------------------|------|--------|------|
| Putting Contest begins at 9:00 am |      |        |      |
| 9 Hole Golf Teams at 9:30 am      | \$50 | \$30   | \$20 |
| Youth (under the age of 16)       | \$40 | \$20   | \$15 |
| Child                             | \$20 | \$10   | \$10 |

(Golf Carts are extra, to be arranged at the Pro Shop, 613-342-2158)

Team Name: \_\_\_\_\_

| Name (Players) Address | Cedar Valley<br>Golfing Member? | Extra<br>Lunch? |
|------------------------|---------------------------------|-----------------|
| 1. _____               | Y / N                           | Y / N           |
| 2. _____               | Y / N                           | Y / N           |
| 3. _____               | Y / N                           | Y / N           |
| 4. _____               | Y / N                           | Y / N           |

\* Tee Assignments at the Pro Shop 1/2 hour prior to the Shotgun Start

### Please Make Cheques Payable to CLEA

Mail to CLEA, PO Box 609, Athens, ON. K0E 1B0

Or deliver to : CLEA Office, 109 Charleston Lake Road, open Thurs to Mon 10:00am-4:00pm

Or pay at the starters table

To Register by Phone or for More Information, Please Contact:

Wayne Ashford 613-659-4715, bev.wayne@gmail.com | Pierre Menard 613-924-6212, psmenard@hotmail.com



# Join the Shoreline Challenge and you could win one of these beautiful pieces of original art.



## Healthy Shoreline Challenge

There are two categories: Category A for those shorelines where little or no development has occurred and Category B for shorelines that have had some lake friendly alteration or rehabilitation.

Are you up for the challenge? Please register your property and mail to : Charleston Lake Association, PO Box 609, Athens Ontario K0E 1B0 ; or register online [www.charlestonlakeassociation.ca](http://www.charlestonlakeassociation.ca) ; or drop off at the CLA office.

One prize winner from each category to be awarded at the CLA Annual General Meeting July 9th, 2016.

Deadline to register June 24th 2016  
Nominate a friend or neighbour's property (with permission)

All properties submitted in the past two years of the challenge will be included in the 2016 Healthy Shoreline Challenge.



*Acrylic artwork of Charleston Lake wildlife were created by Eastern Ontario wildlife artist Sherrie Greig*

### I wish to enter

Category A \_\_\_\_\_ Category B \_\_\_\_\_

Property Location: \_\_\_\_\_

\_\_\_\_\_

Landowner Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone number: \_\_\_\_\_

Email address: \_\_\_\_\_

# Friends of Charleston Lake Provincial Park

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## FREE ADMISSION - JULY 15, 2016

Ontario Parks will be celebrating Healthy Parks Healthy People on Friday, July 15, 2016. This is a worldwide movement, which started in Australia to promote the link between a healthy environment and a healthy society. There will be no charge for day-use at Charleston Lake Provincial Park and all other Provincial Parks on this day.

We would like to encourage CLA members to take advantage of this free admission. Come visit the park, hike a trail, have a swim, go canoeing, stop by the Discovery Centre, go to a nature program - all for free.

***For more information, call 613-659-2065***

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## 2016 AGM - Saturday, July 9th. 9.30 a.m. at the Holy Trinity Church, Oak Leaf Road.

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### ANNUAL FAMILY REGATTA & BBQ

***Sunday, July 31st, 1-4 p.m. Sand Bay County Park.***

Fun for the whole family. Music, games, races and water activities for every age.

**FREE ADMISSION!**

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## 2016 CLA Summer Programs at Sand Bay County Park

**Leadership Camp** - July 5-7 (9.a.m - 3.p.m.) Grades 5, 6 and 7

**Nature Camp** - July 11 -15 (9.a.m - 3.p.m) JK - Grade 5

**Sports Camp** - July 18-22 (9.a.m -3 p.m.) JK - Grade 5

**Adventure Camp** - July 25 -29 (9.a.m - 3 p.m.) JK - Grade 5

***For registration and details, please go to the CLA website.***

### Charleston Lake Association Directors

*Bill Hallam - President*

*Cottage 613-659-2997 billhallam@hotmail.com*

*Wayne Gill - Secretary/ Treasurer*

*Hartley Nichol - Environment*

*Robbie Gibson - Boating safety/Shoal Markers*

*Julia Woito - Youth Programs*

*Wayne Ashford - V.P South / Golf tournament*

*Dwayne Struthers - Fish and Wildlife Coordinator*

*Pierre Menard - V.P. North/ Golf Tournament*

### Charleston Lake Environmental Association Directors

*Irene Ireland*

*Daragh Mansworth*

*Rocci Pagnello*

*Roy Angelow*

*Brian Hollingsworth*

*Mary Mansworth*

# Charleston Lake Association & Charleston Lake Environmental Association

## Comparative Combined Financial Report Statement of Revenue & Expense

| Revenue                   | 2015     | 2014     |
|---------------------------|----------|----------|
| Membership Dues           | \$18,865 | \$19,200 |
| Club \$100 Donations      | \$9,968  | \$13,191 |
| Golf Tournament           | \$3,605  | \$3,670  |
| Other Donations           | \$365    | \$2,655  |
| Interest and Other Income | \$1,405  | \$491    |
| Total Revenue             | \$34,208 | \$39,207 |

| Expenses                          |          |          |
|-----------------------------------|----------|----------|
| General Administration            | \$9,682  | \$10,438 |
| Information Center                | \$4,377  | \$4,775  |
| Youth & Social Programs           | \$3,436  | \$1,670  |
| Safety                            | \$2,421  | \$702    |
| Miscellaneous                     | \$2,098  | \$1,750  |
| Total Expenses                    | \$22,014 | \$19,335 |
| Total Environmental Project Costs | \$17,212 | \$10,783 |
| Total Expense & Project Costs     | \$39,226 | \$30,118 |
| Unexpended Funds Current Year     | -\$5,018 | \$9,089  |
| Unexpended Funds Prior Years      | \$87,445 | \$78,356 |
| Unexpended Funds at Dec. 31st     | \$82,427 | \$87,445 |

| Combined Balance Sheet at Dec. 31st  | 2015     | 2014     |
|--------------------------------------|----------|----------|
| Cash on Hand                         | \$25,640 | \$32,633 |
| Cash Invested                        | \$55,000 | \$55,000 |
| Accounts Receivable                  | \$1,882  | \$3,642  |
| Prepays                              | \$0      | \$0      |
| Total Assets                         | \$82,522 | \$91,275 |
| Accounts Payable                     | \$95     | \$3,829  |
| Unexpended Funds                     | \$82,427 | \$87,445 |
| Total Liabilities & Unexpended Funds | \$82,522 | \$91,275 |

*Prepared by: Wayne Gill, Secretary Treasurer CLA & CLEA*

### CELEBRATE CANADA'S BIRTHDAY WITH FIREWORKS AT CHARLESTON LAKE

JULY 2ND, 2016  
AT THE MAIN DOCK 6 - 10 p.m.  
FIREWORKS WILL START AT  
APPROXIMATELY 9:45 p.m.



# A Worthwhile Reminder

Here are some tips from Ontario Lake Assessments and Charleston Lake Environmental Committee to remind us of things we can do to keep the lake healthy and beautiful.

- ❶ Put away your lawn mower or at least stop cutting several meters from the water's edge. Please do not rake leaves, grass cuttings or any other debris into the lake. It looks unsightly, is offensive to your neighbours and contributes to oxygen depletion when it decomposes.
- ❷ Maintain your septic system and pump out every 3-5 years. We have a video on the CLA website under Septic Systems, which is short and has very helpful information.
- ❸ Practice safe boating. Large wake from boats can create erosion, disturb loon nesting and cause unsafe conditions for floating docks.
- ❹ Treat the lake with respect.
  - Do not wash in the lake
  - Pick up after your pooch
  - Refuel away from the waterMaintain an undeveloped buffer on your shoreline
- ❺ Plant a low profile nearshore buffer of dogwood and juniper. This will not block your view and will provide a nearshore habitat for wildlife and will intercept nutrients in runoff.
- ❻ Conduct shoreline and in-water activities away from rest and sunning sites for map turtles and other species at risk and also from loon nesting sites. Learn about local species at risk by checking out the MNR website.
- ❼ Do not disturb bass or other centrarchid spawning species during the Spring nesting period. When adult bass are forced away from their nest, other fish quickly move in to prey on the eggs and young bass.
- ❽ Control insects by building and installing bat boxes in trees.
- ❾ Do not remove aquatic plants from the lake. They provide nursery habitat for fish, insects and other species as well as pumping oxygen into the water.
- ❿ Do not construct concrete beak-walls. They are destructive to fish habitat and make natural shorelines look urbanized. All in-water and nearshore work requires a permit from CRCA. The Conservation Authority also has good design specifications to give guidance to shoreline owners.
- ⓫ Support the Charleston Lake Association!

## ONTARIO NATURE'S YOUTH SUMMIT FOR BIODIVERSITY AND ENVIRONMENTAL LEADERSHIP

CLA/CLEA will be sponsoring two high school students to attend this Fall's Youth Summit for Biodiversity and Environmental Leadership, held at the YMCA Geneva Park facility on Lake Couchiching on the weekend of September 23-25, 2016. Approximately 100 students from all over the province, who are interested in the environment, will participate in workshops and activities designed to enhance their knowledge base on environmental issues and to develop their leadership skills. CLA/CLEA will cover the registration for the camp and will assist with funding for the costs to get to Geneva Park.

*If you or someone you know would like to attend,  
please contact Bill Hallam at 613-659-2997 or at [billhallam@hotmail.com](mailto:billhallam@hotmail.com)*