

News from the Commodores (Halsey & Deb)

The Fall season was beautiful and the leaves are now gone. The water level has come down a lot. Almost everyone had stored their docks and boats for the winter. It has been a successful 2023 season and I'd like to thank all the Board of Directors and Volunteers for all they have done for this success.

In summary, the 14th **Firecracker**, under the direction of Ian Ward, had 193 participants - a new record! A special thanks to Chuck Yartz for taking pictures!

<https://www.cranberryblog.org/2023/07/09/firecracker-2023-race-results/>

There was a **Meet & Greet** at the Hub on July 2nd when Deb Roberts prepared a feast for over 40 CLBC'ers.

The **Banquet** on July 8th had over 80 attendees. Our guest speaker was Mark Hall, presenting information about the Benson Mines project.

<https://www.cranberryblog.org/2023/07/10/clbc-holds-annual-banquet/>

The **Poker Paddle** was under the directorship of Dave Daut this year. Despite dire weather predictions, over 60 paddlers came and enjoyed the paddling, food and music on one of the best days of this summer.

<https://www.cranberryblog.org/2023/07/26/big-wins-for-this-years-poker-paddle/>

Our **Community Picnic**, planned for the Community Center Pavilion, was moved to the CLFD due to thunder showers. There was a good turnout of over 50 who learned about the new Emergency Room project at Clifton Fine Hospital from a presentation by our guest speaker, Dierdre Sorrell, CEO.

<https://www.cranberryblog.org/2023/08/05/rain-doesnt-dampen-the-boat-club-picnic/>

Our 3rd annual **Canoe/Kayak Race**, under the directorship of Vice Commodore Deb Roberts, had 28 registered paddlers, most of whom completed the rigorous 8.5 mile course from the town beach up and around Joe Indian Island and back. Again, thanks to Chuck Yartz for taking pictures.

<https://www.cranberryblog.org/2023/08/16/canoe-and-kayak-racers-finish-strong/>

The last event of the summer was the **End of Season** gathering at the Commodores house on September 2 with over 20 attending.

To see pictures and learn more about some of these events go to:

<https://cranberrylakeboatclub.com/> or

<https://www.facebook.com/CLBClub>

Excerpts From Bob Murray's Journals Reflecting Boat Club Activities - 1969 To 1980, by Carol Murray

(Note: Carol Murray recently went through her father's camp log books and found references about CLBC activities).

1969 July - Boat Club picnic on Fred's Island.
August - Boat Club clambake at the Pine Cone - huge success. Great Chowder.
September - Boat Club meeting and dinner at Merchant's.
1970 August 4 - Boat Club members met at Barber's Point for picnic and games.
September - Boat Club meeting and dinner at Merchant's.
1971 July 12 - Boss's hosted a kick-off Boat Club dinner & meeting.
July 30 - Kermit Remele gave Boat Club members a tour of the Wanakena Ranger School.
September - "End of Season" Boat Club party - good food, good drinks, good company (no mention of location).
1972 July 12 - Boat Club met at 'Hoppy's' (Wildcliff Lodge) for meeting and cocktails.
July 21 - There were regular sailboat races on the lake loosely organized by enthusiasts. On this day the Boat Club held a canoe race. Decorated Boat Parade along the shoreline.
August 19 - Boat Club picnic across the lake at the ESF Summer Camp. A wonderful meal was served. Members enjoyed watching competitive games between the Ranger School students and ESF students. These included the greased pole climb, canoe jousting, running, and log carry. The grand finale was the Tug-O-War.
Mysteriously the Ranger School students disappeared as the rope was prepared. When the time was ready they came out with pure white t-shirts and clean shorts, while

the ESF students were still in their sweaty dirty togs. Needless to say, ESF got pulled through the mud. It came to light that the Ranger students had practiced for this event by dragging a jeep in gear around the streets of Wanakena.

1973 July 30 - Boat Club canoe trip down the Oswegatchie to Newton Falls.

August 25 - Boat Club picnic at Barber's Point.

1974 July 20 - Boat Club dinner at Newton Falls Hotel - the service was rotten, the food was good, the company was great.

August 21 - Boat Club picnic at Flat Rock.

1975 July - Boat Club cocktails and tall tales at Bob and Jan Thurston's.

July - Canoe paddle to Joe Indian Island for brown bag lunch.

1976 (my parents traveled to Scotland, England, and Wales - no entries).

1977 July - Ice cream social with vendors and kid's games.

August 27 - Boat Club cocktails at Flat Rock.

August 30 - Canoe trip to Newton Falls.

1978 July 30 - A motley group of musicians began a shoreline tour on a barge entertaining people around the lake.

August 3 - Boat Club Brown Bag Lunch at Flat Rock.

1979 June 30 - Boat Club kick-off at Remele's lodge.

July 24 - Boat Club lunch and swim at Flat Rock.

August - Boat Club hosted a Native American Pow-Wow behind the community center which was well attended.

1980 July 4 - Boat Club picnic and gathering at Sand Island.

July 28 - Craft Fair on lawn of Community Center - Boat Club presence & table.

August 30 - Boat Club picnic at Flat Rock.

(Further Note: If anyone has anecdotal stories they would like to share please let us know.)

Service Awards

The CLBC BOD decided at its last meeting to honor two members with service awards.



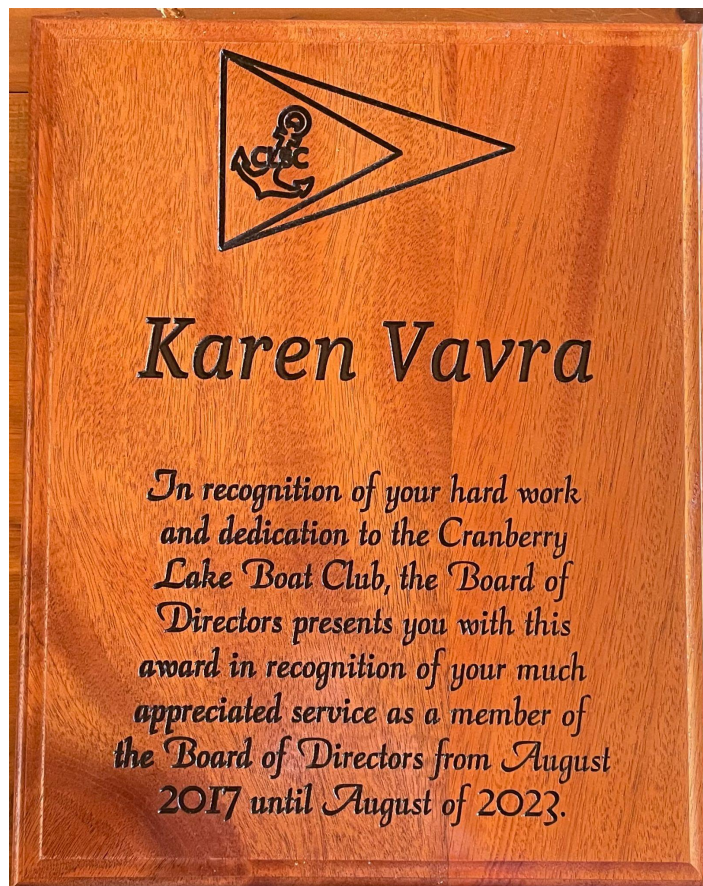
Here Clint Farnsworth is receiving his recognition plaque from Carol Murray, Halsey Bagg, Karen Vavra & Mark Friden (taking picture is Deb Roberts). Clint's award plaque reads: "In recognition of your hard work and dedication to the Cranberry Lake Boat Club, the Board of Directors presents you with this award in recognition of your many years of much appreciated service as Commodore, Board Member and Chair of the Community Improvement Projects (CIP)."

Clint has retired from his leadership roles with the CLBC and will be sorely missed.



Karen Vavra also received a service recognition award from the BOD which reads: “In recognition of your hard work and dedication to the Cranberry Lake Boat Club, the Board of Directors presents you with this award in recognition of your much appreciated service as a member of the Board of Directors from August 2017 until August of 2023.”

Karen has been a valued BOD member having many roles during these years. A few of her many accomplishments were that she served as Correspondence Secretary and Membership Secretary, singlehandedly published the membership directory, and conducted a Membership Survey the foundation for many of the BOD activities and decisions. As a member of the CLBC Board of Directors for six years she contributed many productive ideas and projects, such as the personal flotation devices at the DEC Boat Launch.



Loon Friendly Lake Certification

On October 8th, Deb & I (Halsey) went to Paul Smith's College's Annual Loon Celebration where we first heard about a Loon Friendly Lake Certification. Deb posted on our CLBC Facebook page and there were such enthusiastic responses we decided to look for interested people to take on this project. To date, we have nine people and will start off with some informational virtual meetings and then proceed to work on the actions required to become Loon Friendly Lake Certified.

If you'd like to be involved in the Loon Friendly Lake Certification contact Deb Roberts, Vice Commodore at debroberts@gmail.com.

For more information goto:
<https://www.adkloon.org/adk-loon-friendly-lake-certification-program>

Community Improvement Projects

In 2023 the CLBC-CIP has donated the following:

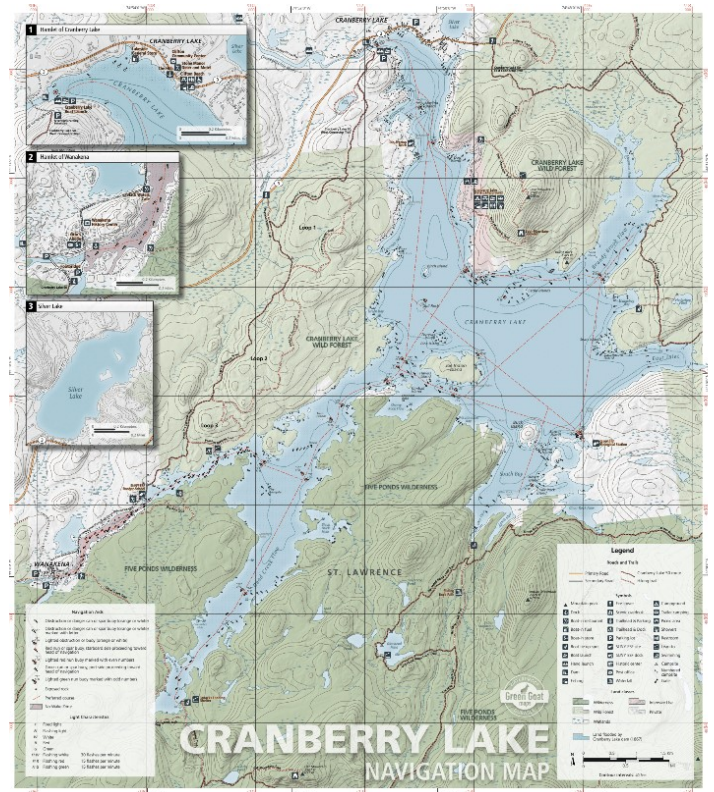
1. Another \$2,000 to the Hub Breakwall project, of the CLBC total commitment of \$10,000. To date CLBC has given \$8,000 to this completed project.
2. \$530 to the Library to pay for a set of StoryBoards.
3. \$5,000 toward the purchase of an industrial dishwasher for the Community Meals at St. Hubert's in Star Lake.
4. \$800 for the CLBC History Panel displayed at the Hub. Make sure you stop in to see it and the four other History Panels displayed at the Hub.
5. \$250 to the Cranberry Lake Flower & Banner Fund.

Also, the Poker Paddle Revenue of \$1,150 was contributed to the Library. \$153 of Ice-Out 50/50 was donated to the Cranberry Lake Fire Department.

The funding of the above community activities is provided through your memberships, your contributions to CIP and participation in the various CLBC activities. Thank you for your continued support.

Navigation Wall Maps

The Wall Maps have been well received. Most of the 70 members who reserved them have picked them up. There are still some of these maps available on a first come basis at \$40 each. Now that many members are not at the lake, the challenge is how to distribute them. They are wall map size, 24" by 36", and have to be rolled up to fit in a specially sized box, which is capable of holding up to four maps. We have researched mailing costs and found they will cost \$15 for postage and \$10 for the box, or \$25 total shipping. So, members looking for 1 to 4 of these maps and are willing to pay the shipping please send your order with payment to: Deb Roberts, 315-790-3618 debroberts54@gmail.com They will make great holiday presents.

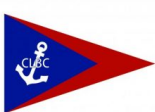


The Bylaws of our club allow for up to 15 directors. Currently, there are 11 boat club members who serve on our board of directors. If you know a member who you'd like to nominate to serve on our board or yourself please make it known to myself or any of our current board members. Being a member of the BOD gives members a chance to help manage the mission of the club and be involved in decision making. As a board member you'll be asked to participate in monthly meetings that last for approximately one hour and to help the team with the various events. So, If you'd like to be more involved in the Boat Club and serve on one of our committees or Board of Directors, please let us know.

Halsey Bagg, 315-790-7512
halseybagg@gmail.com

or

Deb Roberts, 315-790-3618
debroberts54@gmail.com



Adirondack Lake Assessment Program

One of the CLBC's missions is stewardship of Cranberry Lake. As such, CLBC has participated in the ALAP, a program of the Adirondack Watershed Institute of Paul Smith's College for 25 years, since 1998. Each year three samples are taken at the same location using ALAP provided supplies and equipment. Deb Roberts and Halsey Bagg have taken recent years samples. John Englert and Ed Kipp did the collections for many years.

Included in this newsletter is the most recent report (2022) and a detailed report and analysis of 2018. For more information and more reports go to the following link:

<https://www.adklakes.org/reports>

Cranberry Lake

Trophic State	Acidity	Acid Neutralizing Capacity	Road Salt Influence
Oligotrophic	Circumneutral	Moderate	Not Significant

Water quality values for Cranberry Lake during the 2022 sampling season. BDL=below detection limit.

Water Quality Indicator	6/25/2022	7/26/2022	8/16/2022	Average
Laboratory pH	6.7	6.9	6.8	6.8
Sp. Conductance (µS/cm@25 C)	16.4	18.1	17.8	17.4
Apparent Color (mg/L Pt-Co)	27.9	37.5	40.7	35.4
CDOM (µg/L QSE)	139.3	160.4	141.0	146.9
Chlorophyll-a (µg/L)	1.1	2.3	3.0	2.1
Transparency (m)	3.2	3.0	3.1	3.1
Alkalinity (mg/L as CaCO ₃)	4.0	4.9	5.0	4.6
Chloride (mg/L)	BDL	BDL	0.5	0.4
Sulfate as SO ₄ (mg/L)	2.1	2.2	2.3	2.2
Total Phosphorus (µg/L as P)	6.0	5.6	4.1	5.2
Nitrate-Nitrite (µg/L as N)	79.4	40.7	26.9	49.0
Ammonia (µg/L as NH ₃ -N)	BDL	25.2	BDL	18.5
Total Nitrogen (µg/L)	259.7	219.7	193.3	224.2
Dissolved Organic Carbon (NPOC mg/L)	4.1	5.0	4.7	4.6
Calcium (mg/L)	1.7	1.9	2.1	1.9
Sodium (mg/L)	0.7	0.9	0.9	0.8

CRANBERRY LAKE



Location	County:	St Lawrence
	Town:	Clifton
Lake Characteristics	Surface Area (ha):	2750
	Shoreline Length (km):	128
	Max. Depth (m):	11.5
	Volume (m ³):	52200000
Watershed Characteristics	Flush rate (times/year):	4.35
	Watershed Area (ha):	37478
	Surface water (%):	10
	Deciduous Forest (%):	80
	Evergreen Forest (%):	8
	Mixed Forest (%):	3
	Wetlands (%):	18
	Agricultural (%):	0
	Residential (%):	0
	Local Roads (km):	17
	State Roads (km):	1.3

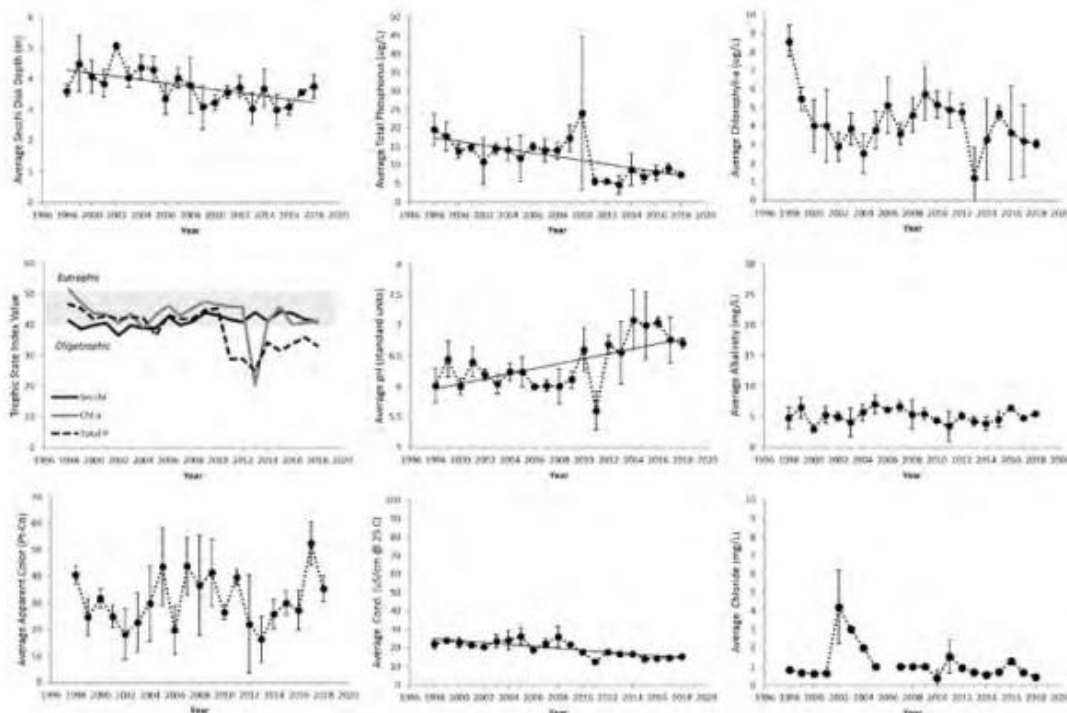
TROPIC STATE	ACIDITY	ACID NEUTRALIZING CAPACITY	ROAD SALT INFLUENCE
<i>Mesotrophic</i>	<i>Circumneutral</i>	<i>Moderate</i>	<i>Not Significant</i>

2018 DATA

Water quality values and historical trends for Cranberry Lake during the 2018 sampling season. Trend analysis was not performed on calcium data. BDL=below detection limit.

Water Quality Indicator	6/20/2018	7/21/2018	8/18/2018	Average	Trend
Transparency (m)	3.6	4.2	3.5	3.8	Decreasing
Total Phosphorus (µg/L)	7.4	6.8	8.2	7.5	Decreasing
Chlorophyll- <i>a</i> (µg/L)	3.3	3.0	2.9	3.0	No Trend
Laboratory pH	6.8	6.6	6.8	6.7	Increasing
Sp. Conductance (µS/cm)	14.8	15.0	16.2	15.3	Decreasing
Color (Pt-Co)	40.7	34.3	31.1	35.4	No Trend
Alkalinity (mg/L)			5.5	5.5	No Trend
Chloride (mg/L)			0.4	0.4	No Trend
Calcium (mg/L)			1.8	1.8	Not Analyzed
Sodium (mg/L)			1.0	1.0	No Trend

HISTORICAL DATA



Annual average values of select water quality indicators for Cranberry Lake, 1998-2018. Vertical bars represent ± 1 standard deviation of the mean; Solid trend lines across the data indicate a statistically significant trend ($p < 0.05$).

SUMMARY OF FINDINGS

Cranberry Lake is a 2,750 ha lake located in St. Lawrence County in the Town of Clifton. The lake is located within a 34,478 ha watershed dominated by forests. Cranberry Lake has been monitored by ALAP volunteers and the Adirondack Watershed Institute since 1998.

- Cranberry Lake is a mesotrophic lake. The transparency of the lake has exhibited a slight, yet significant downward since 1998. Total phosphorus is also trending down, although the trend appears related to methodological improvements made in 2010-2011. Chlorophyll concentration has been variable over the length of the study but has not shown a significant positive or negative trend.
- The samples analyzed in 2018 were circumneutral in terms of their pH, with an average pH value of 6.7. The pH of the water has exhibited an increasing trend since 1998. The alkalinity of the 2018 sample was 5.5 mg/L, indicating that the lake has moderate sensitivity to acid deposition.
- The sodium and chloride concentration of Cranberry Lake was 1.0 and 0.4 mg/L respectively for both analytes, indicating that the lake is not significantly influenced by road salt.