



CANDLEWOOD LAKE AUTHORITY

P.O. BOX 37 • SHERMAN, CONNECTICUT 06784-0037 • (860) 354-6928 • FAX (860) 350-5611

Minutes of Special Meeting July 13, 2016

Attending:

P. Schaer	Sherman
H. Berger	Sherman
G. Linkletter	Sherman
J. Murphy	Brookfield
W. Lohan	Brookfield
J. Wodarski	New Milford
M. Toussaint	New Milford
D. Rosemark	Danbury
C. Robinson	Danbury
E. Siergiej	Danbury
J. Keating	New Fairfield (left 8:50PM)

Absent:

P. Eng	New Milford
B. Kemble	New Fairfield
J. Hodge	New Fairfield
B. Brown	Brookfield

F. Frattini, CLA Administrative Coordinator
M. Howarth, CLA Public Education Director
L. Marsicano, CLA Executive Director
D. Vane, CLAMP, Chief
R. Barnard, CLAMP Captain

Recorder: F. Frattini

Guests: Sue Slater, Selectman, Brookfield
Sui Wodarski, New Milford

Chairman, Phyllis Schaer, called the regular meeting of the Candlewood Lake Authority to order at 7:37 P.M. at Brookfield Town Hall, Brookfield, CT. She welcomed the guests.

Secretary's Report: Mrs. Schaer noted that the change to the June 8th minutes made by John Hodge was the opinion of Mr. Hodge and she will ask Attorney Ted Backer for clarification. The Secretary, George Linkletter, noted he had no changes to the minutes of the June 8, 2016 minutes. *Bill Lohan then made a motion to accept the minutes of the June 8, 2016 regular meeting as written, seconded by Joe Wodarski and voted with all in favor, and Mark Toussaint abstained. Minutes have been accepted as written.*

Public Safety Committee:

Joe Wodarski, Committee Co-Chair noted that in light of recent events in Dallas, the (all, some, one?) Lake Patrol Officers would like to carry side arms. Now only POST certified LPO's can carry, these are police officers or retired officers still certified. Mr. Wodarski suggested that an inquiry could be sent to the Town CEO's for an opinion on this. Howie Berger, who was Chair at the time, spoke to how this had happened that LPO's not POST certified could not carry a side arm, that it came about during the discussion with DEEP on the MOA a number of years ago. The State Statutes did give the LPO's the ability to carry but also provided for allowing Peace Officers to carry firearms to carry out their duty but did not include Lake Patrol Officers in the list of Peace Officers. The CLA attorney at the time advised that any officer not POST would be personally liable. Mr. Berger added that his recollection was that the MOA does not permit non-POST certified officers to carry a sidearm. If the Statute could be amended to include Lake Patrol Officers as Peace Officers, then there may be some discussion with DEEP. Capt Barnard advised that there is a new law that allows security guards to hold a "blue" (officer) card but the CLA would need to become a Security Agency, but POST certified officers could not hold a second card. Discussion followed. How shall the CLA proceed? Why not ask our State Representatives to put LPO's in the Peace Officer category, and then go the Towns and DEEP to discuss a change. Mr. Wodarski noted he will attend the Law Enforcement In-service next week to discuss this with the officers and will report back to the board at the August meeting.

Chairman's Report: Phyllis Schaer, Chairman reported that the ICE grant funding had been approved today. Bill Brown had surgery recently and is now home and doing very well. Vote on the By-law change and procurement policy update will be under Old Business. She reported that FirstLight Power Resources did fund the Buoy Grant she had requested for \$12, 700.00. The grant is for ten new buoys, hardware and labor. A letter of thanks will be sent to FLPR. Work on refining the monthly budget report will be discussed with the Auditor. CIRMA denied the claim for McKee II and she noted that John Hodge has expressed interest in speaking with CIRMA about this. *Dan Rosemark made a motion for John Hodge to contact CIRMA to discuss their denial of the claim for the damage to McKee II, seconded by George Linkletter and voted with all in favor.*

Mrs. Schaer reported on the funding for the new Patrol Boat now that the ICE grant funding has been approved. Danbury has approved their share and we received that check, and New Fairfield will send their check to Sherman this week. Therefore, it breaks down to: Towns have contributed \$45,038, Boat Cost \$67,797 Balance \$22,759, the grant will cover this balance. There is an additional \$1,000 that was not included in the grant that the CLA will pay. When Sherman receives the grant funds Sherman, Brookfield, Danbury and New Milford will be refunded \$4,487 each from the \$9,905 (4,487 X 4 towns = 17,948.00) they had paid, and the CLA will be reimbursed the (\$21,988.00) balance of the grant funds, the money the CLA has advanced to facilitate the purchase of the boat until Sherman receives the grant funds from the State. Once the Town of Sherman receives the notice of the award they will need to supply the OPM the required form, the invoice and request on Town Letterhead. Then the payment will be processed. Mrs. Schaer wanted to compliment the Towns for working with the CLA on this grant. She then noted that Sherman wants all the funds for the purchase of the boat,

as the Town cannot cover the shortfall. *Howie Berger made a motion that the Authority go forward and provide the funds to the Town of Sherman. This is based on receiving the notification of approval of the ICE grant and having received funds from all member Towns, any additional money for the purchase could be provided from the CLA capital replacement fund. Seconded by Joe Wodarski. Discussion*

Mr. Linkletter noted this is contingent on New Fairfield sending their money to Sherman. Delivery of the boat can be two weeks from the date of order. *Motion was voted with all in favor.*

Mrs. Schaer showed the delegates a sample of the new signage for the boat that will be on the vessel tower. The delegates thanked Chairman Schaer for hanging in there and not giving up on this grant – applause.

Chief Vane and Capt Barnard left the meeting.

Vice Chairman's Report: Vice Chairman Mark Toussaint noted there was nothing report.

Treasurer's Report: Bill Lohan, Treasurer, reported there was no written report but year end looks good. The year began with cash of \$107,000 and ended the year with \$185,000, an increase of \$78,000.00 from under spending and grants. Mr. Lohan noted a few items that he would like to address prior to the annual audit. *Bill Lohan made a motion to authorize the transfer of \$2,585.47 from the unspent Pubic Safety funds to cover the overage of the Public Awareness Committee, seconded by George Linkletter. Voted with all in favor. Motion carried.*

Mr. Lohan then made a motion to utilize \$17,736.00 from the CLERC (education) Fund to cover scientific testing and research during the 2015-26 fiscal year, seconded by Mark Toussaint. Discussion what does this include? Water Quality equipment and supplies; clean up expenses, Technical Advisor/Professional Development, and GIS. Motion was voted with all in favor and carried.

Mr. Lohan made a motion to transfer the additional \$9,250 from the Town of Brookfield to support the CLA to reduce the negative unassigned balance, seconded by Mark Toussaint. Discussion – Howie Berger noted that Project CLEAR an educational initiative of the CLA for fifteen years but was not fully funded i.e. CLA was not reimbursed for all expenses, was an educational expense that could have been expensed against the Education Fund but the previous auditors elected not to. Also \$55,000 consisting of legal fees and additional insurance costs contributed to the budget shortfall. Mr. Berger noted that the CLA works to control weeds, addresses blue-green algae and keeps Lake Candlewood safe. He continued that the past four or five months addressing accusations have been a waste of staff and delegate time and there are costs that go with actions that prevent the CLA from doing the important work it does. Find way to move forward, share different opinions but keep the work of the Authority moving forward to protect the lake and its users. With no further discussion the motion was voted with all in favor. Motion passed unanimously. Thank you Brookfield for your added support.

Mr. Lohan moved to transfer the \$8265.00 from the Patrol Funds to reduce the negative unassigned balance. Seconded by Dan Rosemark and voted with all in favor. Motion carried.

Mr. Lohan moved to transfer up to ten thousand (\$10,000) dollars of unspent expense funds to reduce the negative unassigned balance and nine thousand (\$9,000) dollars from above budget income to reduce negative unassigned, seconded by Dan Rosemark. Discussion this will reduce the negative unassigned from \$55,000 to \$18,485 and put the CLA on the path to reduce the unassigned balance by the end of fiscal 2016/2017. The Fund Balance for the fiscal year ended 6/30/2016 should increase to around \$37,000.00. These numbers are subject to Audit. The Reserve account will be reduced to approximately \$35,000.00. Jack Keating asked aren't you just reclassifying these items? Mr. Lohan noted these items as transfers. With no further discussion the motion was voted with all in favor and Jack Keating opposed. Motion carried.

Mr. Keating left the meeting at 8:50 PM.

Executive Director: Larry Marsicano, Executive Director, advised his report is attached to these minutes and then noted the highlights. Blue-green algae sampling and results, he attended a workshop put on by the EPA and New England Interstate Water Pollution Control Commission on monitoring for blue-green algae, the Secchi disk program at Town beaches and volunteers has begun. Grass Carp tracking is going well, they are finding fish and they seem to be staying in areas where there is much food (weeds). By next month the CO2 study should be done, he will be up at Laurel Lake from July 27 to August 5 with Dr. Kelly and Dr. Wagner of WCSU and his students. This study can have national importance.

He was asked about restocking the Grass Carp – Mr. Marsicano answered that we may apply for a permit to restock in May or June of 2017.

Public Education Director/Public Awareness Committee:

Mark Howarth, Public Education Director, noted his report is attached to these minutes and reviewed the highlights. Village Fair Days are July 29 and 30 and he passed a sheet for delegates to sign up to help at the booth. He advised that he has been working on a new outreach a CLA Magazine with in-depth stories, the first one on the Carp Tracking is almost complete. He completed stenciling the Town Boat ramps for Aquatic Invasive Species weekend which is July 16/17. Also worked on a You Tube video on AIS for the weekend – McKee II was the prop on how to Inspect and Clean, Drain and Dry your vessel. He spoke to the Housatonic Valley Paddlers and the Women's Council of Realtors. CLA's social media market is growing and there has been much interaction with questions and comments about the water quality. Public Awareness is working on a Science at Night type of program to be held at WCSU to report and discuss Candlewood with hope to video it and put it on the website. Mr. Howarth also reported on working on a fact sheet on blue-green algae, what the CLA is doing, analyzing data, potential solutions, costs, etc, and what the public can do.

Watershed Management Committee: Mark Toussaint, Committee Chairman noted there was nothing to report and that the committee will meet next week.

Equipment/Facilities: Ed Siergiej, Committee Chairman advised that he will prepare a PO for the new buoys that will be purchased with the recent FLPR grant.

Old/New Business: Mrs. Schaer noted the change to the By-laws and Procurement Policy that were discussed at the June meeting:

ARTICLE VII Finances – Section 4 to change \$1000.00 to \$2000.00 and \$3000.00 to \$10,000.00.

TO READ: “*Expenditures other than budgeted items exceeding \$2000.00 but not exceeding \$10,000.00 are subject to the provisions of Section 3 above and require prior approval of the Executive Committee or the Authority.*” Jerry Murphy moved to approve this By-law change, seconded by Bill Lohan and voted with all in favor. There was one proxy vote – John Hodge also in favor. Motion carried unanimously.

George Linkletter moved to approve the change to the **Procurement Policy** as follows: **Section I** – change \$2,000 in the first line to **\$10,000.00**. **Section II** – change Cost Between \$1,000.00 and \$2,000.00 to “**Between \$2,000.00 and \$10,000.00**” Cost less that \$1,000.00 change to **\$2,000.00**. Seconded by Chris Robinson and voted with all in favor. Procurement Policy will be updated.

Mrs. Schaer reported that her Homeowners association suggested that residents send letters to the Towns to insist that FLPR do a drawdown that is effective as recommended by the members of the Drawdown Technical Committee as they have not been effective for the past three years.

With no further business to come before the Candlewood Lake Authority, *Chris Robinson moved to adjourn the meeting seconded by Jerry Murphy.*

Meeting adjourned at 9:26 P. M.

Respectfully submitted,

George Linkletter, Secretary
Frances Frattini, Administrative Coordinator

r/b/ljm/ps/hb

These minutes are not considered official until they have been approved at the next regularly scheduled meeting of the Candlewood Lake Authority.



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Executive Director's Report July 11, 2016 Larry Marsicano

The following report summarizes Executive Director activities from June 3, 2016 to July 11, 2016

Water Quality & Cyanotoxin Monitoring

We performed water quality monitoring on Candlewood and Squantz for the second time this season on June 21st and June 22nd, respectively. Chlorophyll-a and Secchi disk transparency levels are shown below and are compared to the past three seasons. During the monitoring event we observed blue-green colonies accumulating at the surface of Candlewood. We notified several of the health departments. Several days later the New Fairfield Health Director Tim Simpkins closed the New Fairfield beach because of bloom conditions. We contacted Dr. Ed Wong who we are collaborating with on conducting the weekly cyanotoxin monitoring to discuss starting earlier. Dr. Wong and I collected samples from the Candlewood and Squantz Pond beaches on Friday, June 24th and the lab staff analyzed and reported the cyanotoxin levels to me on Saturday, June 25th. I sent results to the Directors of Health and CEOs the same day.

The second set of samples was collected by Dr. Ghada Salah and students from the lab on July 6th and 7th with results provided on July 7th and 8th, respectively. All measurements of microcystins have been well below the threshold listed in the State Guidance of 15 ppb. See Table 1 below for concentrations measured thus far.

We were aware of a workshop on cyanobacteria monitoring put on by EPA and NEIWPC and scheduled for Squantz Pond on June 30th. We informed the surrounding Health Departments. Representatives from the Health Department, CT DEEP, private consulting groups, Lake Lillinonah, Bantam Lake and CLA were in attendance. Several different cyanobacteria monitoring programs were discussed and sampling techniques and methods demonstrated. Of particular interest was the field fluorimeter set to measure chlorophyll-a and phycocyanin levels from samples collected in the field. There has been some research suggesting that the ratio of chlorophyll-a to phycocyanin is predictive of blooms. I am investigating purchase of the field equipment.

Table 1. Results of microcystin analyses of samples collected at public beaches on Candlewood Lake, Squantz Pond and Lake Zoar. The threshold for microcystin levels in the State of CT Guidance is 15 ppm. Measurements and means below are in ppb.

Site	June 24th	June 24th Mean	July 6th / 7th	July 6th / 7th Mean
Danbury	0.044	0.053	0.269	0.248
Danbury	0.061		0.226	
Brookfield	0.058	0.041	0.095	0.105
Brookfield	0.024		0.114	
New Fairfield	0.056	0.0465	0.202	0.203
New Fairfield	0.037		0.204	
New Fairfield	*0.105	*0.0625	**0.335	**0.366
New Fairfield	*0.020		**0.396	
New Milford	0.029	0.0275	0.309	0.264
New Milford	0.026		0.219	
Sherman	0.030	0.036	0.366	0.375
Sherman	0.042		0.383	
Squantz	0.047	0.059	0.199	0.148
Squantz	0.071		0.096	
Eichler's Cove			0.071	0.063
Eichler's Cove			0.054	
Jackson's Cove			0.053	0.076
Jackson's Cove			0.099	
Kettle town St.			0.198	0.181
Kettle town St.			0.164	

*Second set of New Fairfield samples were diluted by 1/5 and results multiplied by 5 for those value reported above.

**Second set of New Fairfield samples were collected at a second location during a beach closing

We have once again initiated the town beach / volunteer Secchi monitoring program. Staff at several of the town beaches has been regularly collecting data which has been useful in assessing conditions.

I have begun collaborating with Dr. Peter Siver at Connecticut College on the historical changes in stratification I have discussed in recent monthly reports. Michele O'Hara has compiled remaining temperature profile and stratification data for the four Candlewood monitoring sites from 1985 thru 2015 which has been transmitted to Dr. Siver. Dr. Mitch Wagener of WCSU is also interested in this possible research and we hosted a conference call between Drs. Siver and Wagener and me on June 27th.

Michele has also been investigating historical temperature at the bottom of the sites. If sites are stratifying earlier and more intensely, then it is conceivable that bottom

temperatures could go down over time since the stratification will prevent heat from mixing into lower depths. Michele's findings are confirming this hypothesis.

Carp Tracking Study

Two triploid grass carp (TGC) that were surgically tagged with radio transmitters were stocked at Haviland Millpond in Sherman on June 7th and the receiver and antenna provided by the Goldring Family Foundation were used to test the limitations of the equipment (how far and how deep could signals be detected). We contracted with Rowledge Pond Aquaculture Center to stock 12 tagged carp at each of four sites on Candlewood on June 8th. Dr. Dora Pinou and I accompanied Rowledge Pond and confirmed that transmitter signals were clear.

There have been numerous tracking events since June 8th, including early and late morning and late night events. We have received volunteer support from Allan Brooks who has transported Dr. Pinou and me. The CLA's Stieger and Mark Howarth's boat have also been used.

Preliminary results reveal that when stocked at sites with large beds of milfoil (Sherman and Danbury sites), the TGC tend not to move far while when stocked at sites with limited weeds (New Fairfield and Candlewood Lake Club sites), the TGC do move until an ample food source is located. Fish stocked at the Candlewood Lake Club, for example, have traveled across to the cove at the tip of Vaughn's Neck and as far south as the Brookfield Bay cove. A team of five volunteers will be providing transportation for Dr. Pinou and students for the remainder of the summer.

CO2 to Prevent Spread of Zebra Mussels

There has been considerable work in moving this study forward which is targeted to take place the last week of July and first week of August. Since signing and sending the purchase agreement back to Praxair, we have coordinated and participated in the site survey at Laurel Lake on June 17th, and conference calls on June 22nd and July 7th. Another is scheduled between Dr. Kelly, Rich Piazza of Praxair and me on July 11th. The Bureau of Reclamation and CT DEEP are revising the Project Management Plan and contract. The State has also provided funding for support from WCSU who will be assisting in the second week after Dr. Kelly and me work on set up, systems testing, etc. during the first week.

State's new Integrated Water Resource Management Strategy

In late May Brookfield First Selectman Dunn made me aware of the State's new Integrated Water Resource Management strategy, the fact that the Candlewood watershed was not one of those being addressed through this program, and that there was opportunity to provide public comment.

I did construct and provide comments to the CT DEEP as to why Candlewood should be considered and copied the CEOs of our towns. Those comments are attached below. It is my understanding that the reasons we didn't score well originally was because Candlewood is not listed in the State as impaired and that there is the perception of a low return on investment.

State's AIS Awareness Week

We have been collaborating with partners in preparation of the State's AIS Awareness Week which starts Friday, July 15th. Some possible activities are:

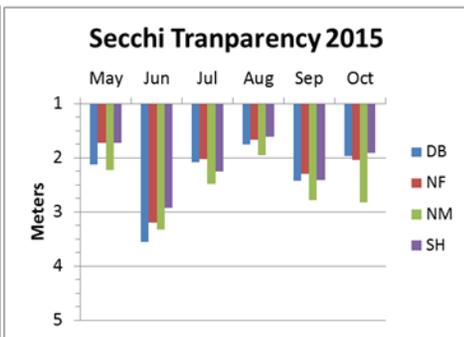
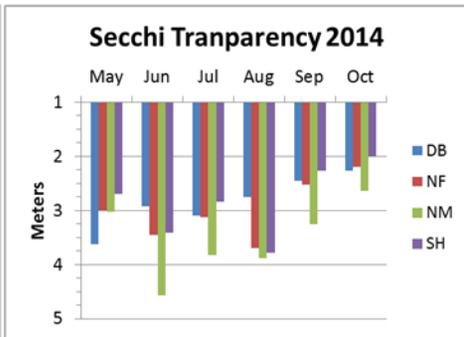
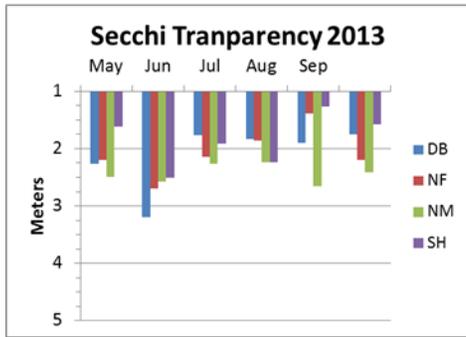
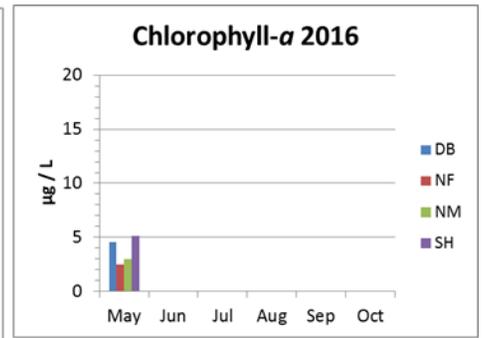
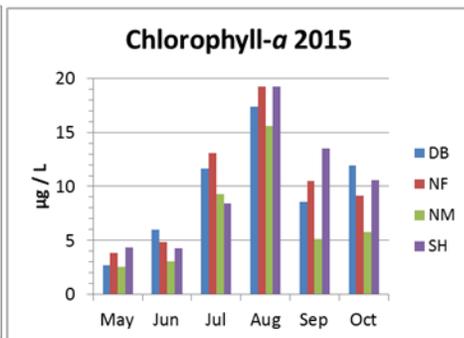
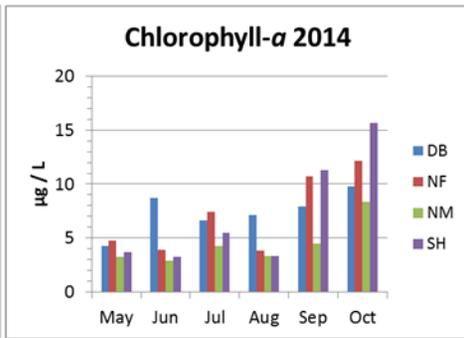
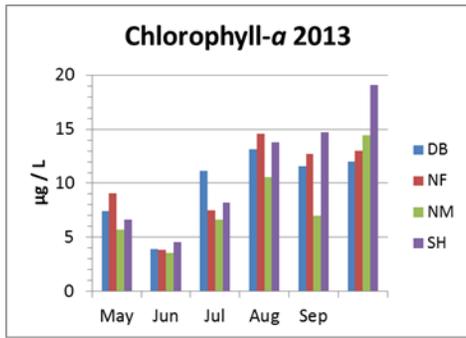
- Re-stencil town ramps
- An AIS YouTube video in our new "Candlewood TV" program
- Handing out literature at town ramps
- AIS flags
- Articles in local paper

In our discussion with CT DEEP the idea of a MOA between the Town of Brookfield and a local marina was raised as a way to utilize the high power, hot water washer the Town purchased last year. We scheduled a meeting for June 24th with Brookfield First Selectman Steve Dunn and their Park and Recreation Director Dennis DePinto which was hosted and also attended by Mitch O'Hara of Candlewood East Marina. Discussed were some possible AIS programs and arrangements to utilize the machinery in the future. The greatest challenge currently is finding a suitable location.

We have also conferenced with Jim McAlister of CWI on AIS Awareness Week.

Other

We are collaborating with the Brookfield Water Pollution Control Authority and WCSU student Matt Busse who is looking at the feasibility of sewers in Candlewood Shores. We have provided nutrient data as well and analyses of satellite imagery-inferred water quality of Candlewood Lake.





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June 30, 2016

Mr. Christopher Sullivan
Planning and Standards Division, CT DEEP
79 Elm Street
Hartford, CT 06106

Dear Mr. Sullivan:

We appreciate the work you and the Department of Energy and Environmental Protection are doing in initiating the Integrated Water Resource Management strategy. We recognize the inherent difficulty in selecting appropriate watersheds for restoration efforts. However we would ask you to please consider adding Candlewood Lake to the Integrated Water Resource Management program based on the following as this process evolves and other watersheds are considered in the future.

Socioeconomic, Recreational and Environmental Importance

There are few inland water resources in the State of Connecticut that provide the level of outdoor recreational opportunity that Candlewood Lake does. There are numerous public boat launch sites including two State launches and five municipal launches. Each of the five municipalities surrounding Candlewood Lake maintains a public bathing beach facility as does the owner of the hydropower reservoir, FirstLight Power. The Lake is a destination boating location for all of Connecticut and the Tri-State area and hosts more organized fishing tournaments than any other lake in New England.

As a recreation destination, Candlewood Lake is an important economic driver, perhaps one of the most important economic drivers in the municipalities surrounding this, the largest lake in the State. In addition to recreation-based commerce, many other forms of commerce (e.g. food service, property management) greatly benefit from this inland water resource and property taxes on lakefront and lake community areas are critical to the wellbeing of our surrounding municipalities.

Much of the Candlewood Lake area is now in CT's Natural Diversity Database for providing habitat to a number of State-listed species, including Bald Eagles that have been successfully nesting here for at least five years. And as alluded to above, the fisheries in Candlewood Lake are nationally

recognized with the Lake regularly ranked in the top 50 lakes in the nation based on [Bassmaster rankings](#).¹ In 2015 it was ranked 24th in the country.

Environmental Stressors

There has been much research on the water quality of Candlewood Lake which is due largely to its 30-year monitoring program and paleolimnological efforts that provided insights into the Lake's health prior to regular monitoring. There is also a comparable dataset on bacteria levels at shoreline beaches. Much is also known about the watershed as well. Water quality conditions and data collected from Candlewood Lake have most likely precluded it from being placed on the State's impaired waters list. However, conditions are changing.

In recent years Candlewood has started experiencing more frequent and intense blue-green algae blooms. Last year, town beaches were closed to bathing for the first time based on the State's guidance for beach closures and reopening due to cyanobacteria blooms. We have already experienced closure due to cyanobacteria in June of 2016. We would suggest that the occurrence of cyanobacteria blooms and beach closures due to blooms be given important consideration when looking for inland waters to restore.

Partnerships with Watershed Groups

It is my understanding that a history of collaboration with local watershed groups was an important consideration in selecting watersheds for the Integrated Water Resource Management program. The municipalities surrounding Candlewood Lake in the form of the Candlewood Lake Authority have a long history of collaboration with the CT DEEP. An important example of our collaborative efforts was our [Action Plan](#) initiative supported through the 604B funds provided by the CT DEEP.² In that effort local land use regulations were examined in the five municipalities surrounding the Lake and recommendations made to town leaders on ways of improving those regulations in the interest of the Lake. A number of local regulatory changes were made in our towns and we continue to advocate implementation of our recommendations.

It is also my understanding that there is a concern with the potential "return on investment" of resources at Candlewood Lake. I would suggest that the return on investment variable should be weighted by the sum of values the resource provides that might be lost without restoration and the costs of restoration after a severe crash of the ecosystem. Based on current trends and with continued beach closures and cyanobacteria blooms I fear loss of value at Candlewood Lake would have cataclysmic impacts locally and statewide.

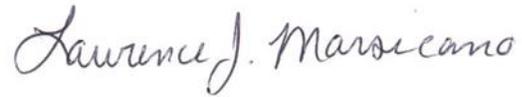
I wish you success in this initiative and trust you will consider these comments as you reassess your selections for planning or as you look to increase the number of watersheds you look to provide assistance in restoring.

¹ Bassmaster. 2015. Bassmaster's Best Bass Lakes of 2015. <https://www.bassmaster.com/slideshow/bassmasters-best-bass-lakes-2015>

² Nonpoint Education for Municipal Officials (Extension of UCONN Cooperative Extension). 2005. Putting Communities in Charge. http://nemo.uconn.edu/publications/ct_impact_report.pdf

Sincerely,

CANDLEWOOD LAKE AUTHORITY

A handwritten signature in cursive script that reads "Laurence J. Marsicano".

Laurence J. Marsicano
Executive Director

cc: Mr. Mark Boughton, Mayor, Danbury
Ms. Susan Chapman, First Selectman, New Fairfield
Mr. Clay Cope, First Selectman, Sherman
Mr. Steve Dunn, First Selectman, Brookfield
Mr. David Gronbach, Mayor, New Milford
Ms. Phyllis Schaer, CLA Chairman
Mr. David Arconti, State Representative



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June 8, 2016
Public Education
Mark Howarth

Website Clean URLs:

The new website has continued to get updates and upgrades to its content as we broaden what is on the site.

One improvement to the functionality of the site is that the site now has “clean URLs”. Prior the site used URLs that were tough to remember. For example, the milfoil page may have had a URL that looked something like this:

www.candlewoodlakeauthority.org/#!milfoilcontrol/C24vq

Now that the program we use to create our site offers clean URLs, all of the pages have been converted to utilize that functionality, so the milfoil page now reads:

www.candlewoodlakeauthority.org/milfoilcontrol

The benefits are that people will be able to share links easier, they will have a better understanding of the page they are about to click on without the confusing added characters, and it should help our web pages rank higher in search engines.

2016 Zebra Mussel TriFold:

We’ve completed the main sponsor drive for the 2016 season. It was a successful sponsor season, and

Zebra Mussel Facts

- As Young**
- Too small to see with the naked eye.
 - Float freely in the water column.
 - Easily and often unknowingly transported by humans.

- As Adults**
- Characterized by “zebra striping” on their shells.
 - Attach to any solid surface (including boats or aquatic plants) starting when as small as a grain of sand.
 - Fully grown, may be the size of your fingernail.



Report Sightings

If you believe you have spotted zebra mussels in Candlewood Lake, contact the Candlewood Lake Authority.

If you would like to volunteer to help with the effort against the spread of zebra mussels, please contact the Candlewood Lake Authority at 860-354-6928.

If you witness boaters knowingly launching zebra mussel infected boats in Candlewood Lake, please contact DEEP Dispatch at (860) 424-3133.



Dedicated to Public Safety & Preservation and Protecting Candlewood Lake Since 1972

Mission Statement

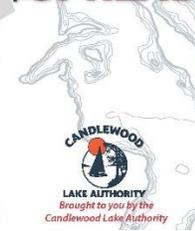
The Candlewood Lake Authority provides lake, shoreline and watershed management to foster the preservation and enhancement of recreational, economic, scenic, public safety and environmental values of the Lake for the City of Danbury and the Towns of Brookfield, New Fairfield, New Milford and Sherman in cooperation with the State of Connecticut and Northeast Utilities.

Candlewood Lake Authority
PO Box 37 Sherman, CT 06784
Ph: 860-354-6928 Fax: 860-350-5611
Email: clal@owalake.net
www.candlewoodlakeauthority.org

Printing of this publication made possible by:
The Woman's Club of Danbury & New Fairfield

ZEBRA MUSSELS

PREVENT THE SPREAD



PREVENT THE SPREAD OF INVASIVE SPECIES

If you have been to a body of water with Zebra Mussels (some listed below) PLEASE follow these critical decontamination procedures.

Before Leaving & Before Launching... Inspect Everything!

- CLEAN** all visible plant, fish and animals, as well as mud or other debris from your trailer, tow vehicle and boat before leaving any lake's boat launch.
- DRAIN** all water from every space and item that may hold water, including bilges, ballast tanks, live wells, engine cooling systems, etc. away from any waterway.
- DRY** all equipment for at least one week (hot/dry weather) and four weeks (cool/wet weather) before entering Candlewood.
 - If faster drying is not possible, wash with hot water (preferably high pressure) or soak in 1% salt solution for 24 hrs (2/3 cup salt per 5 gal. water) or 100% ethanol for 20 minutes.*

For more info visit www.candlewoodlakeauthority.org

Candlewood Boaters Who Are Unable To Follow These Procedures Should Avoid Infected Waters

Nearby Known Zebra Mussel Infected Waters
 Connecticut: Lakes Ullinonah, Zoof & Housatonic • Fawn & West Twin Lakes
 New York: Hudson River • Finger Lakes • Lake George • Lake Champlain • Mohawk River
 Massachusetts: Laurel Lake • Vermont: Ballston Lake • Lake Bomoseen • Pennsylvania: Susquehanna River

Carp Tracking:

I've been out several days helping with the carp tracking, including a night tracking trip to see if the carp are easier to locate at night when there is less activity on the lake, thereby possibly allowing them to come to the surface more to feed and make them discoverable via radio transmission from longer distances.

Despite our efforts at night, we did not find a difference in the number of fish we located.

Adopt-A-Carp Program:

We have received several carp adoptions and donations for our adopt a carp program and we'll look to continue that in the coming weeks.

Candlewood Lake Authority Magazine:

I had been looking into a new format for us to deliver bigger more in-depth content, when warranted. Special projects or content that deserves to be highlighted that doesn't fit well in our electronic newsletter format would be the primary use of this format, which offers a more modern and updated look, utilizes large photos and parallax scrolling.

I am still analyzing the potential use of this format, but a sample piece is linked below, with the "magazine cover" shown below.

Should we utilize this format we would then create a web page on our site, with the "magazine covers" all showing, and clicking on the cover would bring people into the "magazine" so they can read the story.

<https://spark.adobe.com/page/hghUD/>



CLEAN – DRAIN – DRY Boat Ramp Stencils:

We are stenciling the municipal boat ramps around the lake with the CLEAN – DRAIN – DRY messaging. We had done this two years ago, but the paint has since worn off most areas, and some ramps have been repaved, so we are restenciling the ramps with a more durable striping paint that we hope will provide additional years of life to the stencils.

Village Fair Days 2016:

We are working on getting some new shirt designs created to print and we are restocking our inventory on some of our current best-selling products in anticipation for our booth at Village Fair Days. We are working on a new booth design for this year as well, which will feature milfoil and our grass carp program as well as the tracking program, and an informational area regarding blue-green algae.

YouTube:

We have been continuing to produce YouTube videos, including one for boating safety on fireworks day and plan on producing a video this week about how to properly inspect and clean your boat, in anticipation for Aquatic Invasive Species week.

EPA Blue-Green Algae Training:

I attended the EPA's blue-green algae training on June 30th with Larry. They were launching this new program, which included their new mobile lab and the training that day included new programs they will be offering and covered sampling techniques.



Housatonic Valley Paddlers:

One the night of June 14th I was asked to speak at the Housatonic Valley Paddlers' quarterly meeting. They were looking for information about paddling (kayaking) on Candlewood Lake, such as rules, regulations, where to go etc., as well as information about blue-green algae and our grass carp program. We had a great meeting and they asked lots of questions.

Woman's Council of Realtors:

I was asked to participate in a panel discussion at a luncheon for the Woman's Council of Realtors on June 16th. There were three of us on the panel and they asked us a variety of questions with regards to different topics which would be helpful to the realtors present, and in our case, those who are selling or have buyers on Candlewood Lake.

Social Media / Electronic Media:

We have seen an increase in the amount of interaction we receive via social media, as well as a fairly significant increase in our followers on Facebook this summer (several hundred). As an example, during the algae blooms we got regular messages (both public and private) interacting with us, sending photos of suspected blooms where they are, and asking many questions.

Our Instagram page is just now a month or so old and is starting to gain some followers, and we seem to be getting more questions and emails through our website than ever, which is a positive as more people look to us with questions.