



CANDLEWOOD LAKE AUTHORITY

Member Municipalities: Brookfield • Danbury • New Fairfield • New Milford • Sherman

PO BOX 37 • SHERMAN, CT 06784 • P (860) 354-6928 • F (860) 350-5611

Minutes of CLA Regular Meeting October 13, 2021 - 7:30PM ZOOM

Attending:

P. Schaer	Sherman (<i>joined at 7:37pm</i>)
D. Cushnie	Sherman
M. O'Connor	Sherman
J. Main	New Fairfield

J. Archer	New Fairfield
-----------	---------------

M. Gaffey	Brookfield
B. Lohan	Brookfield
W. Meikle	Brookfield

D. Rosemark	Danbury
S. Kluge	New Milford
M. Toussaint	New Milford
J. Wodarski	New Milford

Absent:

B. Licht	New Fairfield
----------	---------------

C. Robinson	Danbury
E. Siergiej	Danbury

M. Howarth, Executive Director

N. Stalter, Director of Ecology & Environmental Science

J. Usher, Administrative Coordinator

N. Mellas, Chief, CLAMP

M. Gasperino, Operations Manager

Recorder: Mark Howarth

Guests: 4

Chairman, Marianne Gaffey called the meeting to order at 7:33pm.

PUBLIC COMMENT

none

CONSENT AGENDA

Marianne Gaffey made a motion to accept the consent agenda, seconded by Mark Toussaint with all voting in favor.

TREASURER'S REPORT (Bill Lohan)

A draft copy of the audit was received. It will be finalized and distributed to the delegates. September financials will be distributed at the next board meeting.

Bill Lohan made a motion to approve the transfer of \$3,500 from Line 551 to Capital Improvement Fund Grass Carp Project as these funds will be used in a future year. This increases the project balance to \$25,100. This motion was seconded by Will Meikle with all voting in favor.

Mr. Lohan made a motion to include the DEEP Grant for the AIS Lake Steward's Program for this year. A request for approval to amend the budget to add \$16,000 which will be shown under other expenses, Line 800-21B DEEP AIS (LAKE

STEWARD). This will establish the budget to cover funds already spent. This motion was seconded by Mr. Meikle with all voting in favor.

CLAMP (Chief Nick Mellas)

The season is wrapping up amidst high morale amongst the LPO's. Over 1400 contacts have been made between June and August. A Final report will be available in November.

PUBLIC SAFETY (Joe Wodarski)

The Patrol has been authorized to run a few additional shifts beyond the traditional end of the season.

EQUIPMENT & FACILITIES (Doug Cushnie/Mike Gasperino)

Doug Cushnie and Mike Gasperino filled in the delegates with an update on the base, general Operations and the vessels.

PUBLIC AWARENESS (Joan Archer)

The paddlecraft *If Found Stickers* were printed (below) and distributed to our five Park & Recreation Departments. PA is working on their budget, planning for next year, CLA's 50th anniversary, expanding outreach.



WATERSHED MANAGEMENT (Steve Kluge)

The final Water Quality monitoring of the season will be completed towards the end of October. Neil and Steve are working on the Watershed Management budget.

Joan Archer made a motion to support a medium draw down of 6-9 feet this winter 2021-2022, seconded by Mr. Meikle with all voting in favor.

Ms. Archer made a motion to adjourn, seconded by Ms. Archer, with all voting in favor. The meeting adjourned at 8:24pm.

Respectfully submitted,



Martin O'Connor, Secretary

Jeannine Usher, Administrative Coordinator

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

Finance Committee Financial Reporting August 2021

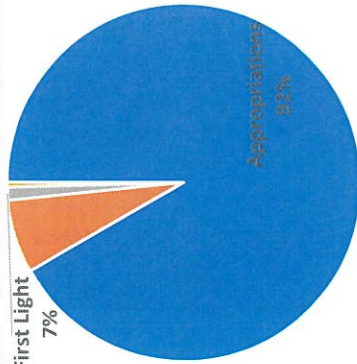




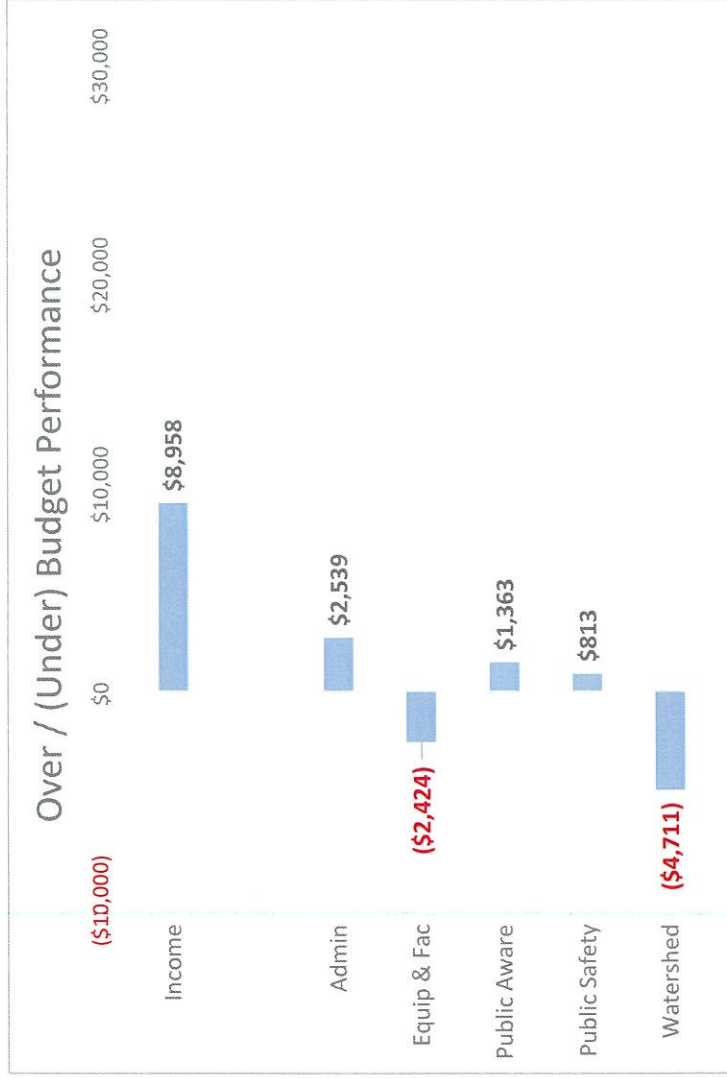
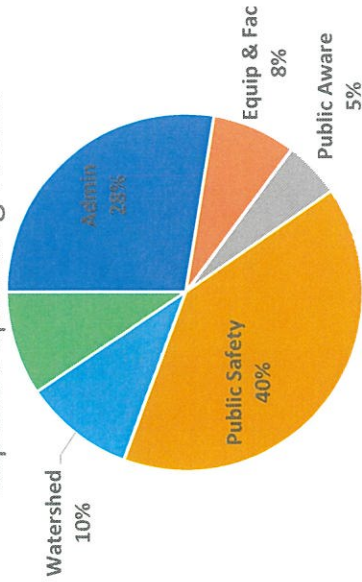
Income & Expense Overview

Results thru August 2021

Sources of Income



Expense Spending Profile





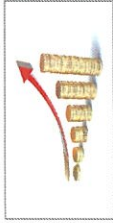





Operational Income & Expense Summary

Results thru August 2021

YTD August 2021	YTD Budget	YTD Actual	O / (U) YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O / (U) FY Budget	% of FY Budget
Income	\$749,793	\$758,750	\$8,958	101%	\$795,230	\$804,188	\$8,958	101%
Expenses								
Administration	\$33,923	\$36,462	\$2,539	107%	\$244,860	\$247,399	\$2,539	101%
Equipment & Facilities	\$12,472	\$10,048	(\$2,424)	81%	\$277,834	\$275,410	(\$2,424)	99%
Public Awareness	\$5,441	\$6,804	\$1,363	125%	\$43,144	\$44,507	\$1,363	103%
Public Safety	\$52,307	\$53,120	\$813	102%	\$141,725	\$142,538	\$813	101%
Watershed Management	\$17,778	\$13,067	(\$4,711)	74%	\$91,666	\$86,955	(\$4,711)	95%
Total Expense	\$121,920	\$119,501	(\$2,420)	98%	\$799,230	\$796,809	(\$2,420)	100%
Other Income/Expense (net)	\$4,000	(\$12,370)	(\$16,370)		\$4,000	(\$8,370)	(\$12,370)	
Operating Surplus/(Deficit)	\$631,872	\$626,879	(\$4,993)	-	\$0	(\$992)	(\$992)	-

* Accrual Basis Accounting

Key Drivers of the deltas to Budget

-  Income: Sponsorship and Contribution are ahead of budget. Total income is now above budget.
-  Administration: Over budget driven by Social Security and related taxes
-  Equipment & Facilities: Under budget driven by Fringe Benefits and Vehicle costs
-  Public Awareness: Over budget due to the subscription costs associated with the completion and hosting of our new CLA website.
-  Public Safety: Essentially on budget with mixed results across line items.
-  Watershed Management: Well under budget due to Lake Monitoring costs and equipment.

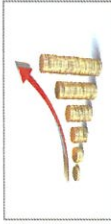


Governmental Budgetary Summary

Results thru August 2021

	Jul - Aug 21	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
	758,750.04	795,230.00	-36,479.96	95%
	758,750.04	795,230.00	-36,479.96	95%
Expense				
Administration	36,461.55	244,860.06	-208,398.51	15%
Equipment and Facilities	10,048.49	277,834.05	-267,785.56	4%
Public Awareness	6,803.74	43,144.36	-36,340.62	16%
Public Safety	53,119.88	141,725.00	-88,605.12	37%
Watershed Management	13,067.05	91,666.53	-78,599.48	14%
Total Expense	119,500.71	799,230.00	-679,729.29	15%
Net Ordinary Income	639,249.33	-4,000.00	643,249.33	-15,981%
Other Income/Expense				
Other Income	0.00	4,000.00	-4,000.00	0%
Other Expense	12,370.20			
Net Other Income	-12,370.20	4,000.00	-16,370.20	-309%
Net Income	626,879.13	0.00	626,879.13	100%

Committee Details



Income Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Income								
901 · Appropriations	696,405.00	696,405.00	0.00	100.0%	696,405.00	696,405.00	0.00	100.0%
902 · Contribution from FirstLight	50,000.00	50,000.00	0.00	100.0%	50,000.00	50,000.00	0.00	100.0%
903 · Interest	37.50	51.04	13.54	136.11%	225.00	238.54	13.54	106.02%
911 · Miscellaneous Income	2,000.00	3,119.00	1,119.00	155.95%	2,000.00	3,119.00	1,119.00	155.95%
912 · Contributions and Donations	0.00	7,675.00	7,675.00	100.0%	25,000.00	32,675.00	7,675.00	130.7%
915 · Sponsorship - programs/activities	0.00	0.00	0.00	0.0%	12,500.00	12,500.00	0.00	100.0%
916 · Lake Patrol Services	0.00	0.00	0.00	0.0%	2,000.00	2,000.00	0.00	100.0%
917 · Buoy Contract	0.00	0.00	0.00	0.0%	2,000.00	2,000.00	0.00	100.0%
921 · Grant Income - unrestricted	1,250.00	1,500.00	250.00	120.0%	5,000.00	5,250.00	250.00	105.0%
931 · Merchandise Sales	100.00	0.00	-100.00	0.0%	100.00	0.00	-100.00	0.0%
Total Income	749,792.50	758,750.04	8,957.54	101.2%	795,230.00	804,187.54	8,957.54	101.13%



Administration Expense Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Administration								
100 · Executive Director - Wages	13,310.50	13,310.52	0.02	100.0%	79,863.00	79,863.02	0.02	100.0%
101 · SS/Medi/CTUC	3,356.90	6,037.96	2,681.06	179.87%	20,141.60	22,822.66	2,681.06	113.31%
101A · Workers Comp Insurance	1,301.00	1,301.00	0.00	100.0%	5,880.00	5,880.00	0.00	100.0%
102 · Exec Dir - Fringe Benefits	2,166.69	2,116.05	-50.64	97.66%	12,999.89	12,949.25	-50.64	99.61%
110 · Admin. Coordinator - Wages	4,896.70	5,395.75	499.05	110.19%	29,380.00	29,879.05	499.05	101.7%
112 · Admin Cor - Fringe Benefits	1,914.20	1,882.43	-31.77	98.34%	11,485.40	11,453.63	-31.77	99.72%
113 · Insurance	0.00	0.00	0.00	0.0%	36,750.00	36,750.00	0.00	100.0%
114 · Telephone	583.30	396.76	-186.54	68.02%	3,500.00	3,313.46	-186.54	94.67%
115 · Office Supplies	583.30	308.66	-274.64	52.92%	3,500.00	3,225.36	-274.64	92.15%
116 · Postage	166.70	95.90	-70.80	57.53%	1,000.00	929.20	-70.80	92.92%
117 · Audit	0.00	0.00	0.00	0.0%	6,500.00	6,500.00	0.00	100.0%
118 · Professional Services	1,500.00	2,227.68	727.68	148.51%	9,000.00	9,727.68	727.68	108.09%
119 · Bank and Service Fees	200.00	121.43	-78.57	60.72%	1,200.00	1,121.43	-78.57	93.45%
121 · Expenses	167.11	144.20	-22.91	86.29%	1,002.71	979.80	-22.91	97.72%
122 · Internet Access	175.00	315.94	140.94	180.54%	1,050.00	1,190.94	140.94	113.42%
123 · Computer Hardware/Software	566.70	106.05	-460.65	18.71%	3,400.00	2,939.35	-460.65	86.45%
124 · Computer Services IT	166.70	0.00	-166.70	0.0%	1,000.00	833.30	-166.70	83.33%
151 · HR Expenses	166.70	0.00	-166.70	0.0%	1,000.00	833.30	-166.70	83.33%
161 · Office Rent	2,701.22	2,701.22	0.00	100.0%	16,207.46	16,207.46	0.00	100.0%
Total Administration	33,922.72	36,461.55	2,538.83	107.48%	244,860.06	247,398.89	2,538.83	101.04%



Equipment & Facilities Expense Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Equipment and Facilities								
200 · Personnel - Wages	666.70	0.00	-666.70	0.0%	4,000.00	3,333.30	-666.70	83.33%
210 · Operations Manager - Wages	6,639.20	6,850.00	210.80	103.18%	39,835.00	40,045.80	210.80	100.53%
212 · Ops Mgr - Fringe Benefits	1,966.55	0.00	-1,966.55	0.0%	11,799.05	9,832.50	-1,966.55	83.33%
221 · Sherman Base - Repairs/Maint	375.00	433.63	58.63	115.64%	2,250.00	2,308.63	58.63	102.61%
222 · Utilities - electric	700.00	296.30	-403.70	42.33%	4,200.00	3,796.30	-403.70	90.39%
223 · Alarm System	0.00	10.62	10.62	100.0%	0.00	10.62	10.62	100.0%
224 · Maintenance Supplies	58.30	485.77	427.47	833.23%	350.00	777.47	427.47	222.13%
225 · Office Equipment	400.00	398.52	-1.48	99.63%	2,400.00	2,398.52	-1.48	99.94%
226 · Work Boats	1,083.30	1,491.97	408.67	137.73%	6,500.00	6,908.67	408.67	106.29%
227 · Vehicle	583.30	81.68	-501.62	14.0%	3,500.00	2,998.38	-501.62	85.67%
228 · Dock and Trash Pick Up	0.00	0.00	0.00	0.0%	1,000.00	1,000.00	0.00	100.0%
231 · Buoy Maintenance	0.00	0.00	0.00	0.0%	2,000.00	2,000.00	0.00	100.0%
261 · Capital Replacement Fund	0.00	0.00	0.00	0.0%	200,000.00	200,000.00	0.00	100.0%
Total Equipment and Facilities	12,472.35	10,048.49	-2,423.86	80.57%	277,834.05	275,410.19	-2,423.86	99.13%



Public Awareness Expense Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Public Awareness								
400 · Pub Ed Director Wages	3,948.70	3,948.68	-0.02	100.0%	23,692.00	23,691.98	-0.02	100.0%
402 · PE Dir - Fringe Benefits	825.36	814.88	-10.48	98.73%	4,952.36	4,941.88	-10.48	99.79%
412 · Educational Bulletins	0.00	0.00	0.00		3,000.00	3,000.00	0.00	100.0%
413 · School Programs	0.00	0.00	0.00		1,000.00	1,000.00	0.00	100.0%
414 · Subscription services	666.70	1,982.18	1,315.48	297.31%	4,000.00	5,315.48	1,315.48	132.89%
415 · Events and Displays	0.00	58.00	58.00		1,500.00	1,558.00	58.00	103.87%
417 · Fundraising	0.00	0.00	0.00	0.0%	5,000.00	5,000.00	0.00	100.0%
Total Public Awareness	5,440.76	6,803.74	1,362.98	125.05%	43,144.36	44,507.34	1,362.98	103.16%



Public Safety Expense Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Public Safety								
300 · Lake Patrol Wages - on water	28,182.47	24,103.66	-4,078.81	85.53%	68,150.00	64,071.19	-4,078.81	94.02%
300A · Lake Patrol Wages - off lake	1,666.66	0.00	-1,666.66	0.0%	5,000.00	3,333.34	-1,666.66	66.67%
300B · Lake Patrol Wages - Admin	1,166.66	3,765.01	2,598.35	322.72%	7,000.00	9,598.35	2,598.35	137.12%
300C · Lake Patrol - Fringe Benefits	200.00	0.00	-200.00	0.0%	300.00	100.00	-200.00	33.33%
311 · Boat Maintenance and Reimburse	1,130.00	2,288.78	1,158.78	202.55%	8,500.00	9,658.78	1,158.78	113.63%
312 · Gas and Oil	7,433.51	8,356.90	923.39	112.42%	18,000.00	18,923.39	923.39	105.13%
313 · Insurance	11,287.50	12,503.00	1,215.50	110.77%	22,575.00	23,790.50	1,215.50	105.38%
314 · Training	0.00	892.85	892.85	100.0%	5,200.00	6,092.85	892.85	117.17%
315 · Boating Course	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
318 · Miscellaneous	200.00	166.00	-34.00	83.0%	1,000.00	966.00	-34.00	96.6%
321 · Radio & Equipment	400.00	844.86	444.86	211.22%	500.00	944.86	444.86	188.97%
322 · Uniforms	640.00	198.82	-441.18	31.07%	3,500.00	3,058.82	-441.18	87.4%
324 · CLAMP Services - Fireworks	0.00	0.00	0.00	0.0%	2,000.00	2,000.00	0.00	100.0%
Total Public Safety	52,306.80	53,119.88	813.08	101.55%	141,725.00	142,538.08	813.08	100.57%



Watershed Management Expense Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Watershed Management								
500 · WM - Personnel Wages								
500A · Director of Ecology Wage	5,923.00	5,923.00	0.00	100.0%	35,538.00	35,538.00	0.00	100.0%
500 · WM - Personnel Wages - Other	600.00	0.00	-600.00	0.0%	600.00	0.00	-600.00	0.0%
Total 500 · WM - Personnel Wages	6,523.00	5,923.00	-600.00	90.8%	36,138.00	35,538.00	-600.00	98.34%
502 · Dir. Ecology - Fringe	1,238.13	1,198.01	-40.12	96.76%	7,428.53	7,388.41	-40.12	99.46%
511 · Lake and Stream Monitoring	6,000.00	2,300.00	-3,700.00	38.33%	17,000.00	13,300.00	-3,700.00	78.24%
512 · E-Coli Bacteria Testing	2,600.00	2,620.00	20.00	100.77%	4,100.00	4,120.00	20.00	100.49%
513 · Cynobacteria testing (BG Algae)	0.00	0.00	0.00	0.0%	1,500.00	1,500.00	0.00	100.0%
514 · Travel	0.00	15.00	15.00	100.0%	2,500.00	2,515.00	15.00	100.6%
515 · Equipment and Supplies	416.70	11.04	-405.66	2.65%	2,500.00	2,094.34	-405.66	83.77%
521 · Shoreline Cleanup	0.00	0.00	0.00	0.0%	4,500.00	4,500.00	0.00	100.0%
531 · Professional Development	0.00	0.00	0.00	0.0%	5,500.00	5,500.00	0.00	100.0%
532 · Engineering and Consulting	0.00	0.00	0.00	0.0%	6,000.00	6,000.00	0.00	100.0%
542 · GIS - license	1,000.00	1,000.00	0.00	100.0%	1,000.00	1,000.00	0.00	100.0%
551 · Triploid Grass Carp Program	0.00	0.00	0.00	0.0%	3,500.00	3,500.00	0.00	100.0%
Total Watershed Management	17,777.83	13,067.05	-4,710.78	73.5%	91,666.53	86,955.75	-4,710.78	94.86%



Other (Restricted Grants) Income/Expense Details

	YTD Budget	Jul '21 - Aug '21 Actuals	O/U YTD Budget	% of YTD Budget	FY Budget	FY Forecast	O/U FY Budget	% of FY Budget
Other Income/Expense								
Other Income								
Income Restricted/Grants								
9000 · Contributions - Restrict/Unbugt								
900-14A · CLERC _ Education	4,000.00	0.00	-4,000.00	0.0%	4,000.00	4,000.00	0.00	100.0%
Total 9000 · Contributions - Restrict/Unbugt	4,000.00	0.00	-4,000.00	0.0%	4,000.00	4,000.00	0.00	100.0%
Total Income Restricted/Grants	4,000.00	0.00	-4,000.00	0.0%	4,000.00	4,000.00	0.00	100.0%
Total Other Income	4,000.00	0.00	-4,000.00	0.0%	4,000.00	4,000.00	0.00	100.0%
Other Expense								
Expense Restricted/Grants								
8200 · Grants Expense								
800-21B · DEEP AIS (Lake Steward)		12,370.20				12,370.20		
Total 8200 · Grants Expense		12,370.20				12,370.20		
Total Expense Restricted/Grants		12,370.20				12,370.20		
Total Other Expense		12,370.20				12,370.20		
Net Other Income e	4,000.00	-12,370.20	-16,370.20	-309.26%	4,000.00	-8,370.20	-12,370.20	-209.26%



CLA Chairman's Report

October 13, 2021

September and October have started the busy months of planning and budgeting for the coming year(s).

1. **2022-2023 Budget** – the Executive Committee reviewed the first drafts of the committee budgets. We will be working with each committee to finalize their budgets to present to the Finance Committee on Nov 3 and then to the BOD on Nov 10 for final BOD approval at the December BOD meeting. Thank you to each committee for all the time and effort spent on building each budget from the bottom up.
2. **Long Term Capital Budget** -the Executive Committee also reviewed the Capital Plan at the October meeting. Many thanks to Martin all his hard work in putting this together. Martin, the staff and I will continue to finetune the plan over the next few weeks.
3. **CLA Base** – to begin the process of deciding how to best house the CLA staff, patrol and boats, Martin has prepared a summary of the real estate requirements for moving the organization back to being under one roof and providing long term appropriate space.
4. **Job Descriptions** – one of our goals for this year is to take a close look at staff responsibilities across the board. We need to ensure that the individual job descriptions are accurate and that there are no duplications or holes. The first step was asking the staff to edit their job description and forward it to me. I reviewed the staff's input with Joan and Bill Lohan, we have forwarded them to Mark H for his review. The next step will be a review by the HR Committee. The last step will be to research the appropriate salary ranges for the job descriptions and then determine if any adjustments need to be made. I do not anticipate this will be a quick process, but it is necessary to review the jobs as envisioned when Mark moved up to Exec Director and Neil, Jeannine and Michael were hired as well as how the CLA's responsibilities on the lake have changed over the years.
5. **By-Laws, Procurement Policy and Reimbursement Policy** – Joan and I have reviewed these documents and drafted a few proposed changes which were reviewed with the Executive Committee. We will incorporate the suggestions received at that meeting and forward drafts of these documents to the BOD for review. The goal is for the BOD to vote on the changes at either the December or January BOD meeting.

6. **Review of Grants and Restricted Funds** – after a deep dive into the background of the funds on our balance sheet it has been determined that the 2016 DEEP Grant was for a program that was never undertaken (Laurel Lake CO2 Study). Mark is working with DEEP on a resolution of the funding and returning the donations from Friends of Lake Lillinonah and Lake Zoar that were given to us as part of this project.
7. **Replacement Research Vessel** – we had several meetings to discuss the planning for replacing the current donated boat used for scientific research on the lake. Neil will share more information on this project.
8. **Kayak/SUP stickers** – stickers were distributed to all the town Park and Rec Departments for owners to place identification on their vessels.

Marianne Gaffey
Chairman, CLA Board of Directors



CANDLEWOOD LAKE AUTHORITY

Member Municipalities: Brookfield • Danbury • New Fairfield • New Milford • Sherman

PO BOX 37 • SHERMAN, CT 06784 • P (860) 354-6928 • F (860) 350-5611

October 13, 2021
Executive Director
Mark Howarth

Monthly Report

Budgets and Capital Plans

The committee chairs and members have been working on preparing draft budgets for the 22/23 budget season as well as updating capital needs for our 10 year plan. With Jeannine's help we focused on the admin budget and I spent time with Doug working on equipment and facilities. We are getting a good early start to this process, which is helpful as we take a fresh look at our budget to ensure we are planning properly for the short and long term future.

Annual Report

Every year Sherman requests an annual report on our activities of the last fiscal year. We completed that report this year and sent it to all of our member municipalities.

Job Descriptions

We are in the process of updating the job descriptions of the staff and I am currently reviewing the proposed new descriptions before sending them to HR.

Squantz Cove Launch

We had a virtual meeting with the CT DEEP to discuss their written responses to the public's submitted comments on the Squantz Cove Launch. We look forward to continued communications with the CT DEEP as the process to redesign and upgrade the launch continue.

NF Senior Center Environmental Corps

Neil and I were invited to the NF Senior Center to meet with the Environmental Corps for an end of the season lunch. They are the group who takes the weekly samples that get tested for E.coli in a program that dates back over 15 years. We enjoyed meeting with them and sharing updates on the lake and the summer. Many thanks to the dedicated members of that group for their years of volunteering!

Draw Down

We had virtual meeting with FirstLight regarding the upcoming winter's draw down. We had a good meeting and were able to share some of our thoughts for this coming winter's draw down. We are looking forward to a follow up meeting with them before final plans are announced.

Research Vessel

We have restarted the process of determining needs and looking at funding options to replace the CLA's environmental boat. Neil, Steve and watershed are taking the lead on this. I am assisting them as needed and we will also be working with Doug and Equipment and Facilities to understand how to best move forward with a short term plan for the current boat as well as looking into the best options for a future vessel.

Fixed Asset Inventory

I worked on updating our fixed asset inventory for our auditor. We removed many items that should no longer be on that list as well as added new items purchased in the last year. We believe that now we have a good list to work off of an update in the coming years.

Kayak/SUP Stickers

I stopped at all of the park and rec offices around the lake to drop off the custom stickers we created for people to fill out and stick to their kayaks, canoes and SUPs. This will help our Marine Patrol and others identify the owners of vessels that may be found floating free in the water.



**CANDLEWOOD
LAKE AUTHORITY**
- Preserving and Protecting Candlewood Lake Since 1972 -

CONTACT IF FOUND

Name: _____

Address: _____

Phone: _____

Emergencies: Call 911

Non-Emergencies & Boating Violations: Call 860-424-3333

Be safe...**ALWAYS WEAR** your life vest!



CANDLEWOOD LAKE AUTHORITY

Member Municipalities: Brookfield • Danbury • New Fairfield • New Milford • Sherman

PO BOX 37 • SHERMAN, CT 06784 • P (860) 354-6928 • F (860) 350-5611

J. Neil Stalter

Director of Ecology and Environmental Education

Candlewood Lake Authority

Re: October Meeting: Monthly Report

Date: 10/13/2021

- The water quality monitoring program is coming to a close for the 2021 season soon. We have one more sampling at the end of October, at which point I will begin working on the report and presentation for the results. We will share that with the board, towns, and DEEP.
 - We began to see the lake “turnover” in late September and early October, and we suspect to see it fully uniform for our final October sampling. When the lake turns over lots of nutrients trapped in the bottom of the lake can travel to the surface, giving blue-green algae one last chance to grow. We saw some pretty intense, but local, algae blooms this month.
 - Our twice-per month sampling went wonderfully this year, and we plan to continue for next season!



(Algae Bloom on Squantz Pond 10/6/21)

- Steve and I have been working hard on building the watershed management budget back from the ground up, and the watershed subcommittee will be going through it this month! We're excited about the funding being designed to go toward informative and interesting scientific projects that will inform our management decisions in the future.
- We have begun work on putting together our needs and strategy for a new science boat, and I have begun reaching out to other lakes/research organizations to find out what capabilities their research vessels have.
 - My priority when designing this new boat is to allow us to collect and analyze data in real-time on the water. This will allow me to make decisions about where we need to collect more information on the fly rather than back in the office, allowing me to spend more time on the water gathering important information! (Like making a real-time blue green algae map or looking for zebra mussel veligers with a microscope on the boat, etc.).
- I worked with Joan to help design the Public Awareness budget for the next budget year. The current proposed plan is to move the entire salary and benefits for my position to Watershed's budget, rather than having it split 60/40 for ease of accounting.
- I have re-opened the Lake Management Plan and would like to pursue that in a strong way this off season. To that end, Steve and I have been working with AER to create an experimental design for a nutrient budget for Candlewood Lake!
 - A nutrient budget involves taking (*a lot of*) samples from the lake and surrounding watershed to determine where the nutrients are coming from that are entering Candlewood Lake. This allows us to determine what management moves we can make that will give us the most "bang for our buck" by decreasing nutrient inputs in the most efficient way possible.
 - The experimental design looks great (and very thorough) and is a substantial undertaking! I have already begun considering grant opportunities to fund this work. I will share the design with watershed this month.
- I have been writing some articles in preparation for the off-season, including a "what is a drawdown" primer.
- We are working with FirstLight and the Technical committee to determine the best possible depth for this year's drawdown while considering both the milfoil and the Zebra Mussel threats. We expect to have a follow up meeting with them all this month.
- I attended a meeting of the Brookfield WPCA going over their proposed sewer project on for Candlewood Shores – I will keep the board updated on any continued progress.
- NALMS has once again switched to fully remote for this year, and I plan to attend.