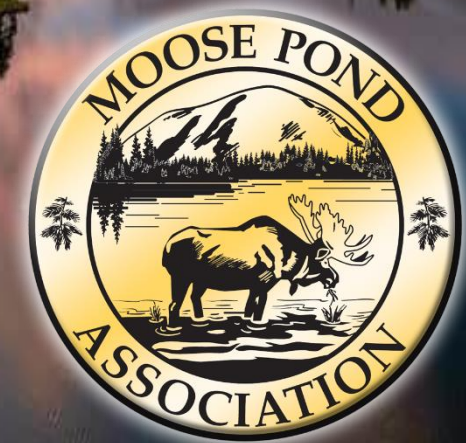


Moose Pond Association Annual Meeting

July 8, 2023



Celebrating Our 15th Year
of Protecting Your Pond

NGC Photography

Agenda

- Welcome and Agenda Overview
- Quick Boyne/Pleasant Mountain Update
- Report on Lake Health
 - Results of LEA's Annual Invasive Plant Survey on MP
 - Water Quality Monitoring
 - Loon Project
- CBI Activities and Boat Wash Stations
- No Wake Zones and Wake Wise Program
- LakeSmart Program Update
- Lake Section Captain Initiative
- Member Communication
- Membership Health
- Financial Health
- Board Nominations and Elections
- Question and Answer Session

Chip Wendler

Ralph Lewis, General Manager of PM

LEA's Colin Holme

Bill Monroe

Shawn Hagerty

Bill Dexter

Zach Clayton

Mark Patterson

Ruth Neagle/Chip Wendler

Ruth Neagle/Chip Wendler

Chip Wendler

All



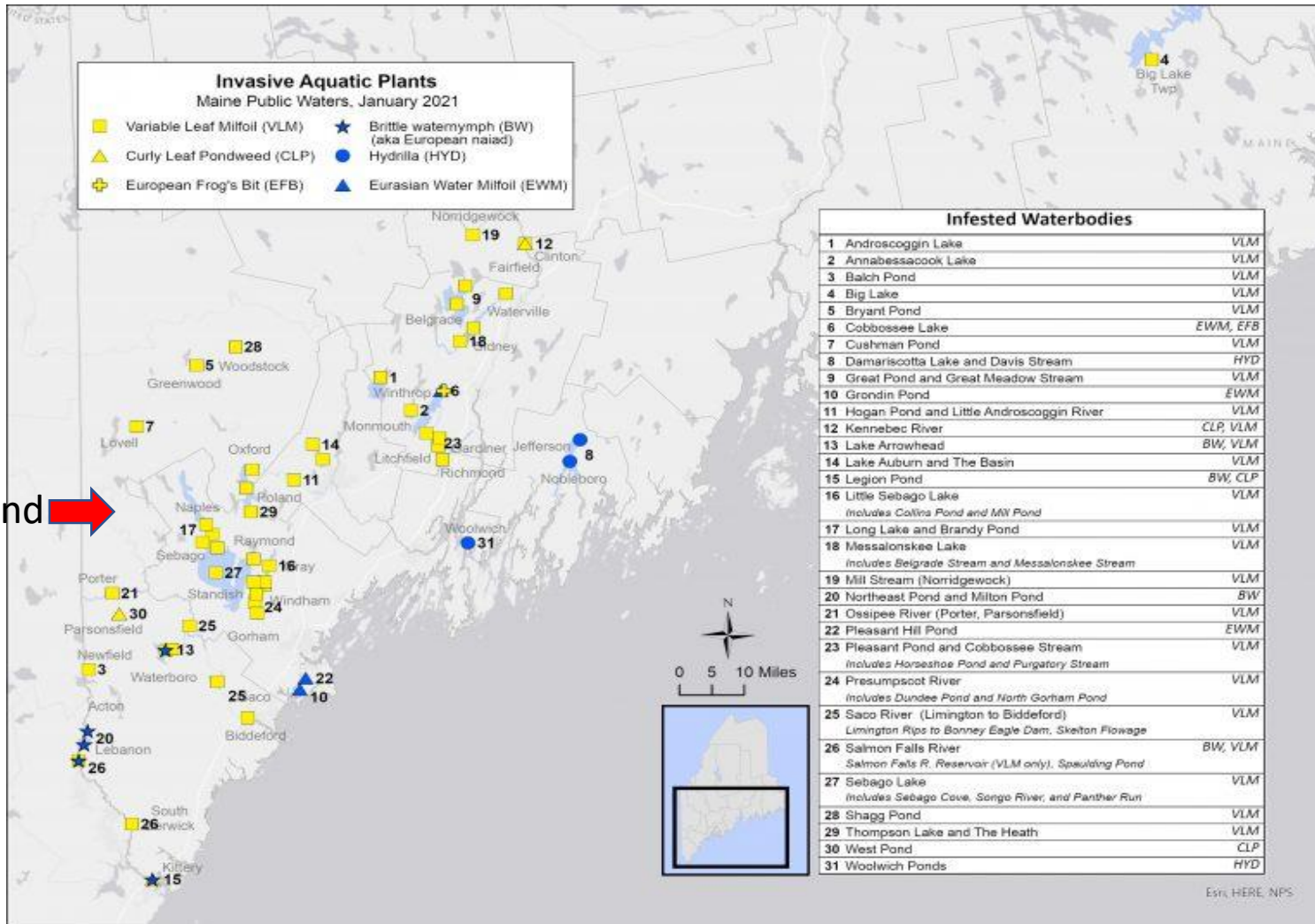
Board Nominations and Elections

<u>Board Member</u>	<u>Remaining Term (Years)</u>	<u>Expiration Year</u>
• Zach Clayton*	0	2023
• Bill Dexter	2	2025
• Paul Dwyer	2	2025
• Shawn Hagerty	1	2024
• Josh Harrington (NEW/PROPOSED)	0	2023
• Scott Frame*	0	2023
• Bill Monroe	2	2025
• Bill Muir	2	2025
• Anne Munstedt (Clerk)*	0	2023
• Ruth Neagle (Treasurer)	1	2024
• Richard Niedel	1	2024
• Steve Petter	1	2024
• Mark Patterson	1	2024
• Stephanie Scarce	1	2024
• Laurie Vance (Vice President)	1	2024
• Chip Wendler (President)	1	2024

* Will serve again if asked



Thank You for Your Support!



We are surrounded by “hot spots!” Prevention is much cheaper than remediation.

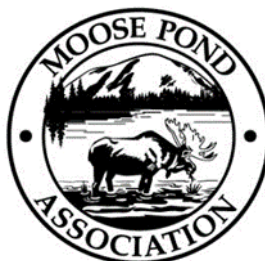


We Want to Avoid This Scenario!



On July 7, 2022 Members of the MPA Board traveled with several LEA team members to visit Milfoil Infested Lake Arrowhead – only 36 miles from the shores of Moose Pond

- You cannot fish or swim near the shore line***
- Property prices have fallen sharply***
- They spend \$100,000 a year just to carve pathways through the milfoil from their docks to the open water***



Thank You Boyne and Pleasant Mountain

- Boyne/Pleasant Mountain have generously decided to continue the support that MPA enjoyed during the Chet Homer/Shawnee Peak Years in terms of providing us with:
 - the space to hold our annual meeting
 - an annual donation
- Thank you Boyne and Ralph Lewis Pleasant Mountain's GM

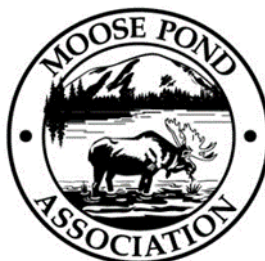


**Pleasant
Mountain**



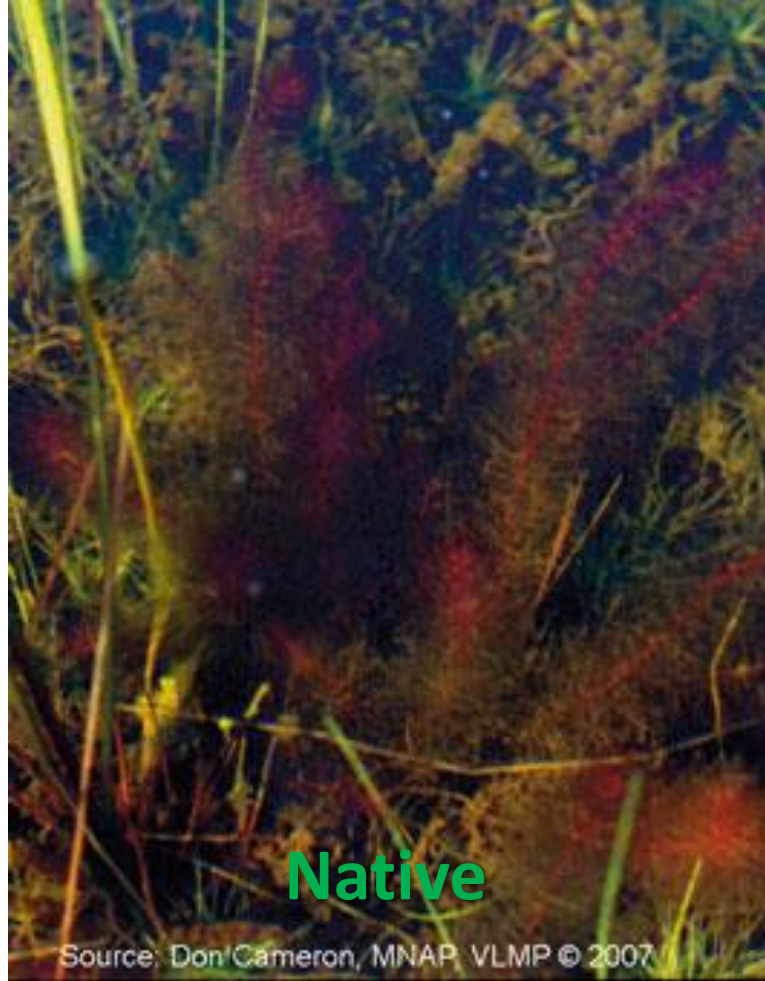
Thank You LEA!

- LEA is an invaluable partner in the process of protecting your lake
- Your donations to MPA help to underwrite the costs associated with the CBI program, water testing and invasive survey work
- MPA strongly encourages you to support both organizations
- Thank you LEA and Executive Director Colin Holme for your support and partnership



Lake Health: Invasive Plants

- Yes, Milfoil, but we are also facing threats from Brittle Naiad, Curly Leaf Pondweed, European Frogbit & Hydrilla
- Native species can look similar to invasives
- If you see something suspicious, say something
- Results of LEA's annual spot check of Moose Pond



If you find a suspicious plant:

Take note of the time, date and specific location where you found it

Email a photo to: Submit sample photos to LEA through the Suspicious Plant form online. Address: <https://mainelakes.org/invasives/plant-submission/>

Harvest a sample (in Ziploc bag with lake water and keep refrigerated) and, if requested by LEA, bring sample to 230 Main Street, Bridgton (207-647-8580)

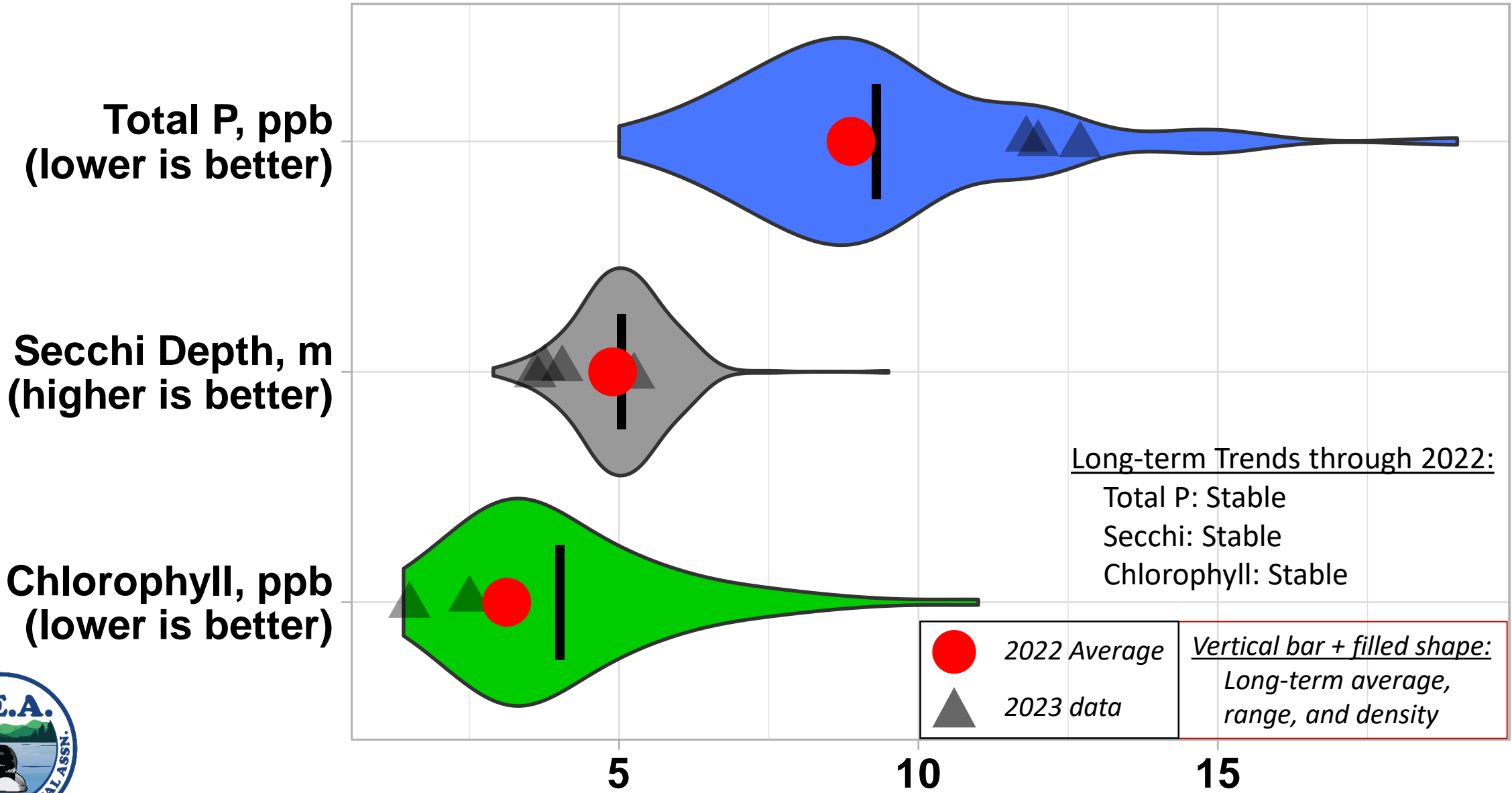


Lake Health: Water Quality Monitoring

- Annual average 2022 data similar to long-term average conditions
- Mostly no (or stable) long-term trends through 2022, except slightly decreasing clarity and increasing phosphorus in south basin
- Data for 2023 through early June: elevated phosphorus and lowered water clarity could be from heavy spring rains



Moose Pond-North

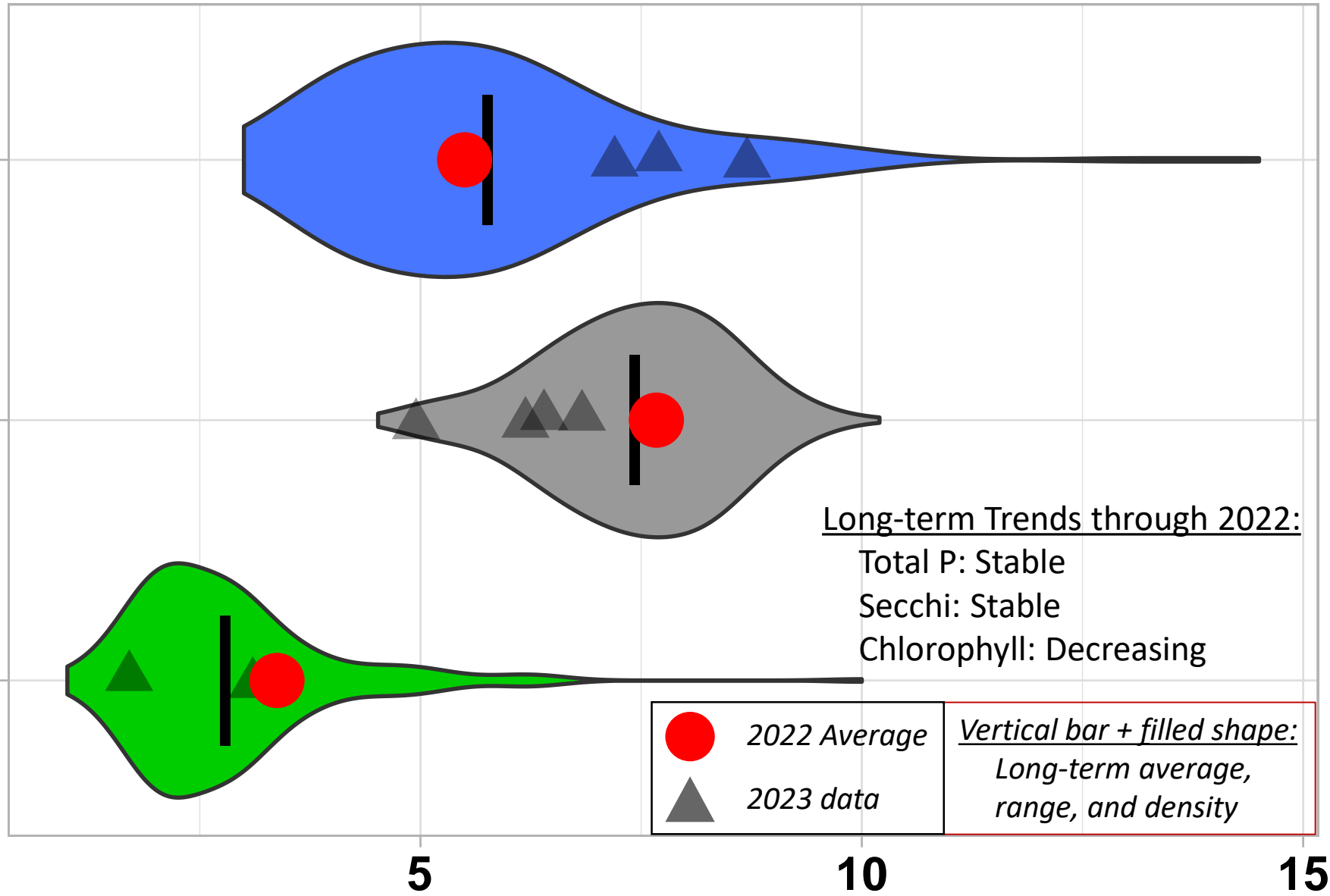


Moose Pond-Main

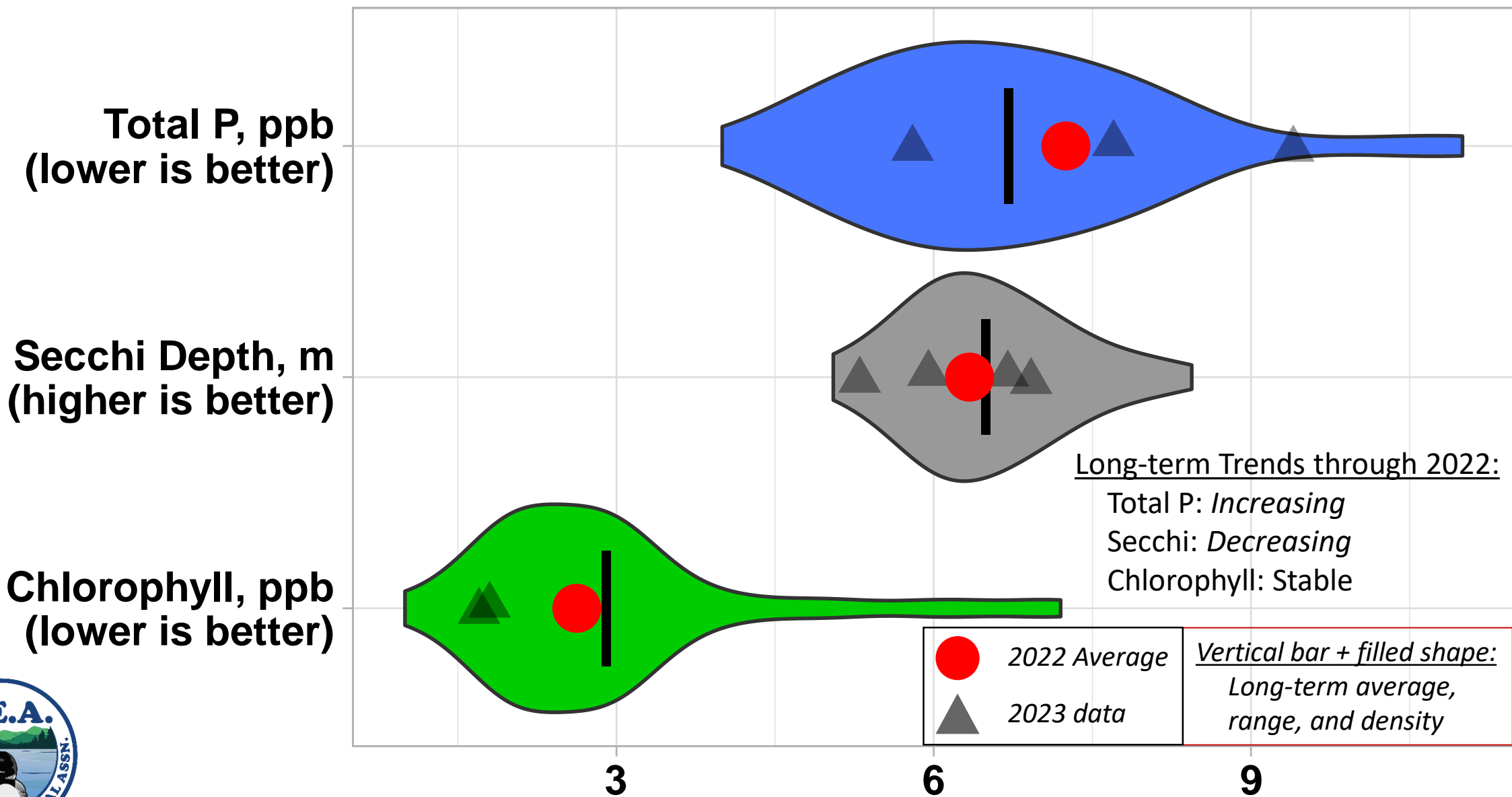
Total P, ppb
(lower is better)

Secchi Depth, m
(higher is better)

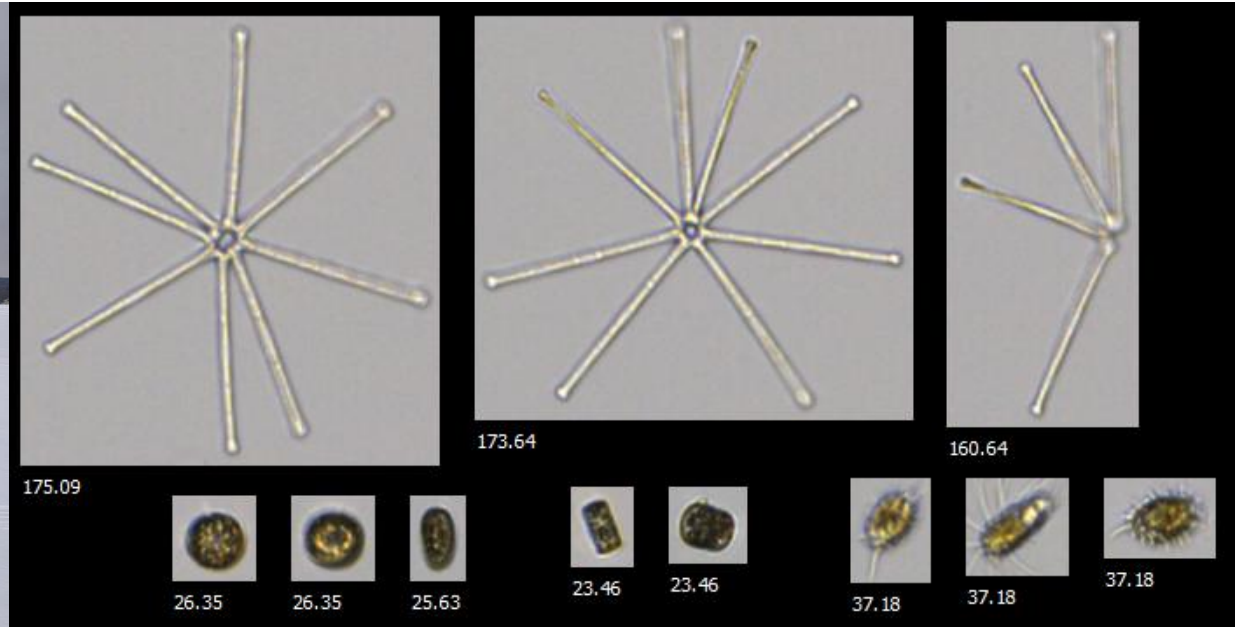
Chlorophyll, ppb
(lower is better)



Moose Pond-South



Lake Health: Winter Monitoring



Example FlowCam images of winter Moose Pond algae

- Two visits to main basin during February and March 2023 (third season)
- Thinner ice and shorter ice covered period
- Water cooler and more mixed in upper layers compared to 2022, no bottom hypoxia
- Phosphorus and chlorophyll concentrations comparable to long-term summer averages
- Secchi depths more shallow (= less clear) than long-term summer average



Lake Health: Loon Project – Year 3

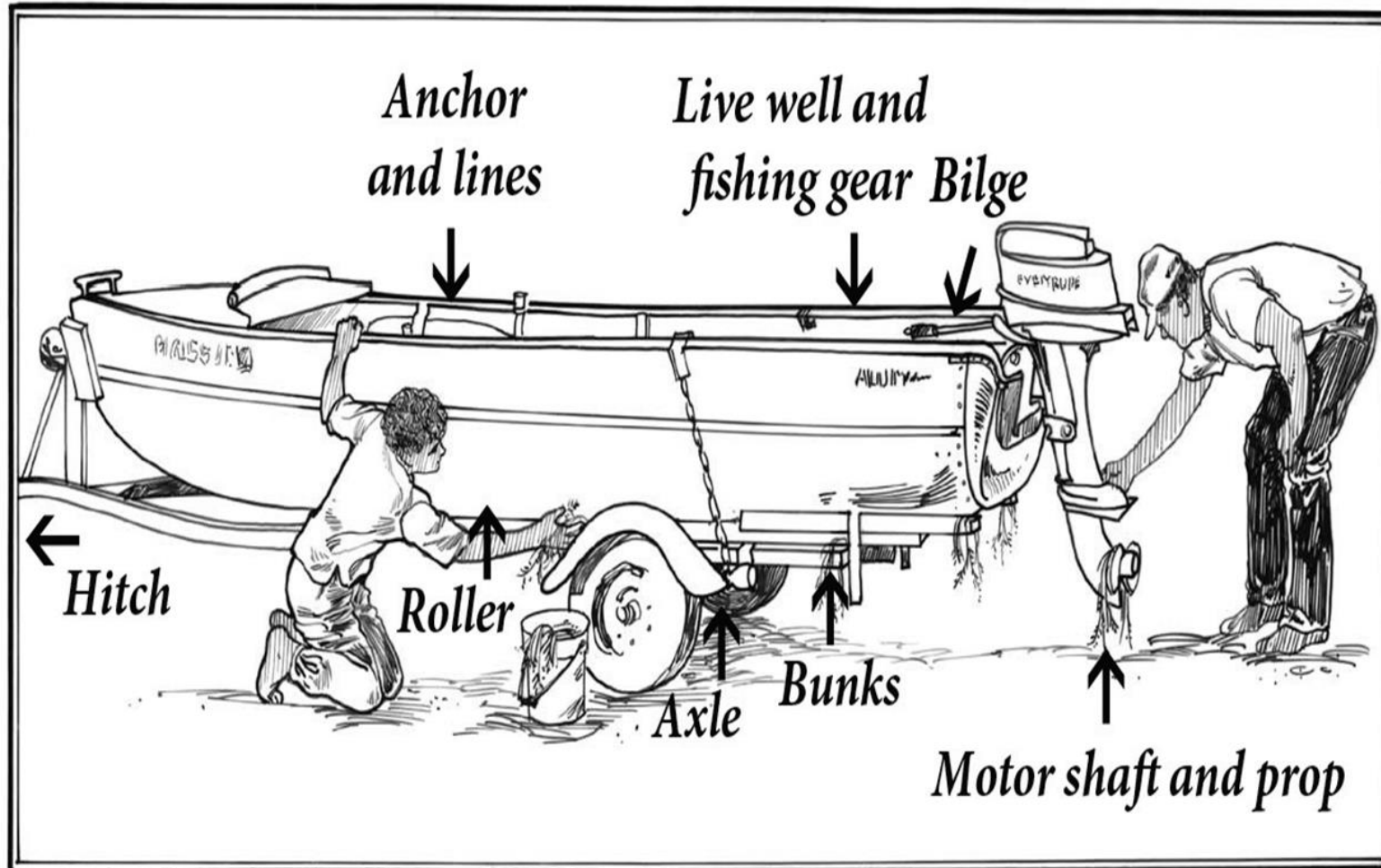
- Nesting raft in good location, but still not used
- Need volunteer monitors—would help in finding active nests
- Contact Maggie Welch for more information: maggie@mainelakes.org



NGC Photography

Courtesy Boat Inspector (CBI) Activities

- The CBIs are our first line of defense



Boat Inspections on Moose Pond

- MPA partners with LEA to provide Courtesy Boat Inspectors (CBIs) at the Route 302 and Denmark boat launch ramps
- In 2022, 1,673 inspections were performed and 51 fragments were found – no invasives found!
- We are always trying to build a back-up list of volunteer CBIs to fill gaps in the 2023 schedule, please add your name to our volunteer sign-up sheet if you are interested in helping out



CBI Activities: 2023 Projected Hours and Days

Total projected CBI Hours = 1280

Rt. 302 ramp (880 hours/88 Days) May 27, 28,29, June-weekends plus the 29th & 30th ; July1st – August 31st ; September weekends plus 2nd, 3rd and 4th (Labor Day) all are 7AM to 5PM

Denmark Ramp (400 hours) May 28,29,30; June-weekends; July - Friday, Saturday and Sunday; August every Friday, Saturday and Sunday: September 3rd,4th,& 5th, all from 7AM to 5PM

More Days and Hours Scheduled in 2023 vs 2022



CBI Activities: Cost and Impact

Paid CBIs:

- Total of 1280 paid CBI hours per schedule
- Cost to cover the CBIs - \$18/hr. X 1280 = \$23,040
- CBIs provided by LEA and paid for by MPA Member Donations



CBI Activities: DEP Cost Share Grant

- MPA applied for \$4,250 DEP cost share grant and was awarded \$4,830 (Up from \$1,600/2018, \$3,100/2019, \$3,500/2020, \$3,800/2021 and \$4,200 in 2022)
- DEP grant program funded 100% through milfoil sticker sales

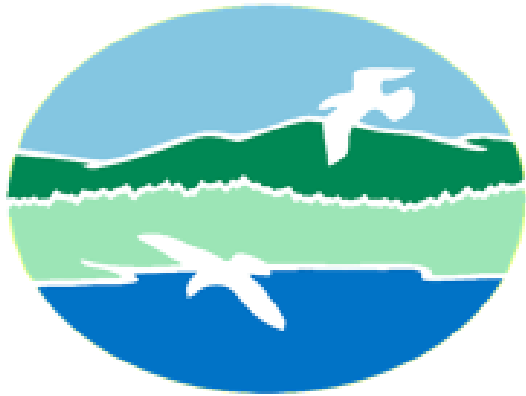


Boat Wash Stations

- MPA is Responsible for Two Boat Wash Stations
 - One in West Bridgton at the Fire House on Rt. 302
 - The other in Denmark across from the Denmark Beach on Moose Pond
- Collins Plumbing and Heating (Bridgton) donates time and materials to open, close and maintain both wash stations.
- Please thank Collins Plumbing if you happen to use them!
- Bridgton Fire Chief also helped to facilitate the opening of the Route 302 wash station



Maine DEP Presentation: 20 Years of CBI Data



Increasing the Effectiveness of Courtesy Boat Inspections by Examining 20 Years of Data

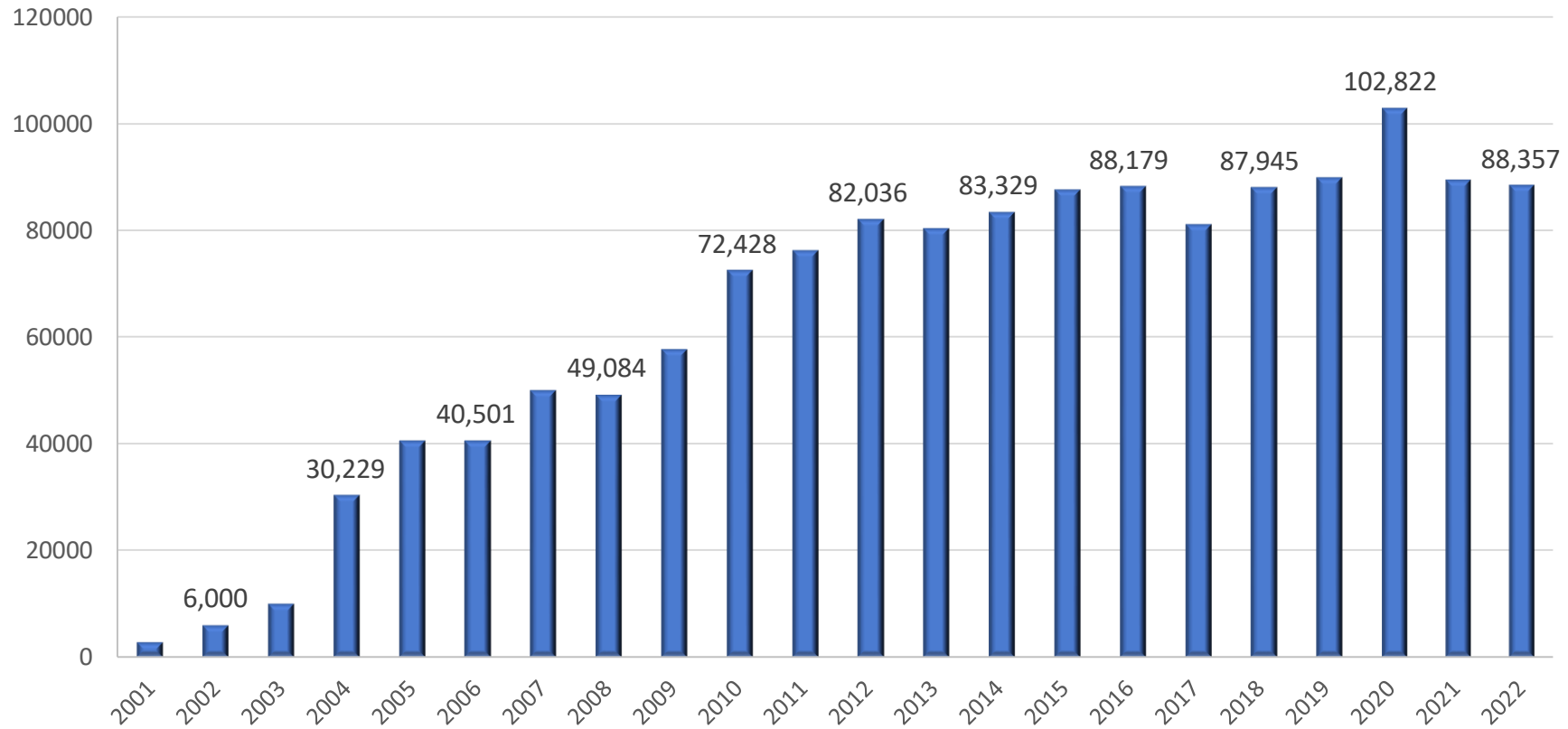
Chris Reilly, MEDEP Invasives Unit

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Protecting Maine's Air, Land and Water

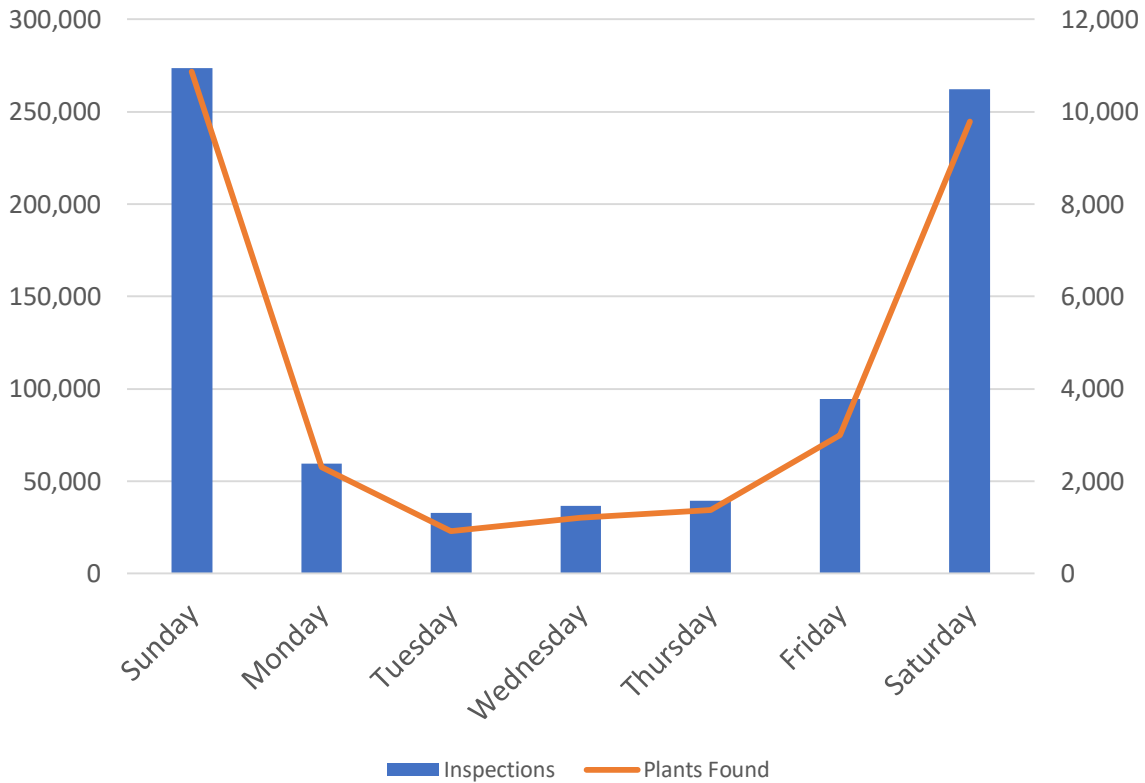
20 Years of Inspections

Maine Courtesy Boat Inspection Program
Annual Inspections

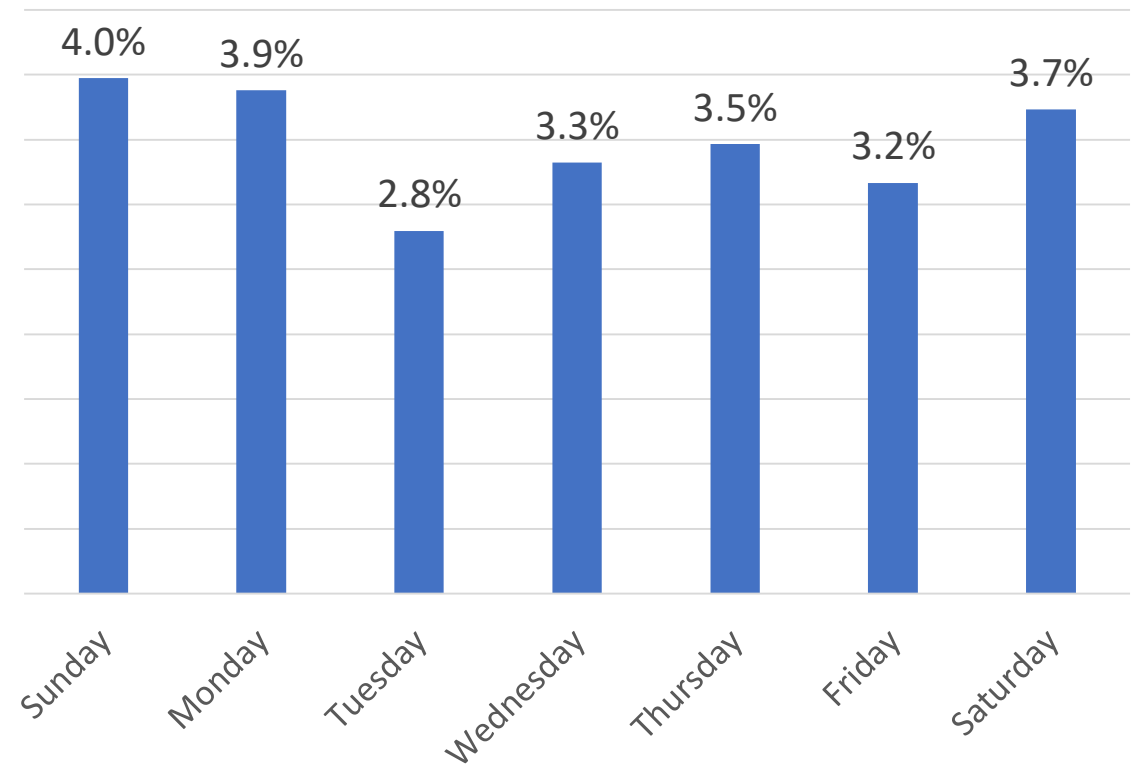


Day of the week

Inspections and Plants Found by Day of the Week



% Inspections with Plants Found by Day of the Week



Conclusions

- Each inspection has similar probability of finding plants
- June/July/August, and Saturday/Sunday still very important
 - More inspections = more saves
- September coverage should be a priority
 - Sacrifice mid-week coverage for end of season weekends
 - Challenge to find coverage
 - More invasives prevented from entering other waters

No Wake Zones & Wake Wise Reminder



M/V Endurance Length Over All (LOA) = 289 Yds or Just Shy of 3 Football Fields



No Wake Zones & Wake Wise Reminder



- Wakes matter!
- Please be mindful of the impact that your wake has on the lake, other boaters & wildlife nesting grounds
- If you live in a neighborhood with a common dock area, we would like you to get permission from your neighborhood/road association to post a Wake Wise sign near the marina's common entry point
- New for 2023: Wake Wise Bumper Stickers – Please take one (or more) and post them with pride
- Please help us teach others to be Wake Wise



LakeSmart Program Update



- Voluntary Program
- Education and NOT enforcement
- Free property inspection and suggestions as to how to make your property more lake friendly
- Matching funds available to help underwrite the cost of remediation
- LakeSmart Award Signs for qualifying Lake-Friendly properties
- Contact Bill Dexter at 207-232-0726 or dexathome@gmail.com

Our Lake Section Captain Initiative – Part 1

- Our key objective is to provide more thorough coverage of the lake above and beyond LEA's annual survey of potential hot spots (boat launch ramps, the north and south narrows and the neighborhood-related marinas)
- A very successful test and learn phase in 2022
- Lake Section Captain's duties include:
 - Paddling "their" assigned section of the lake in July and September
 - Looking for suspicious plants along the shoreline
 - If suspicious plants (or animals) are identified
 - Take a picture and submit it to LEA at Submit sample photos to LEA through the Suspicious Plant form online. Address: <https://mainelakes.org/invasives/plant-submission/>
 - Note the time, date and location where the plant was harvested
 - Harvest a sample in a plastic bag filled with lake water and keep refrigerated
 - As requested by LEA (after the review the picture you have sent in) bring the sample in to LEA
 - Report your successful survey to Zach Clayton (the Captain of the Captains)
- You can do this too in front of your properties – the more eyes the better



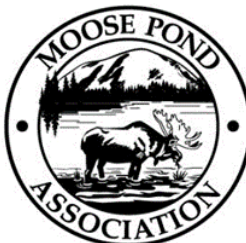
Our Lake Section Captain Initiative – Part 2

Section	Location	Person Who Agreed to Be a Section Captain	Late September '22 Survey Completed?	Late June Survey Completed?
1	North Basin Western Shore, Causeway to North End of Knights Hill	Richard Nidel	Yes	
2	Middle Basin Western Shore, Pencil Point to the 302 Causeway	Paul Dwyer	Yes	
3	Middle Basin Western Shore, Pencil Point to Wyo Point	Laurie Vance		
4	Middle Basin Western Shore, Wyo Point to Shawn's House	Ruth Neagle		
5	South Basin Western Shore, Big Island to Middle Basin Your House	Shawn Hagerty	Yes	
6	South Basin Western Shore, Snow Mobile Cut Thru to Big Island	Anne Munsteadt	Yes	
7	South Basin Western Shore, South Narrows to The Snow Mobile Cut Thru	Stephanie Scarce	Yes	
8	South Basin Western Shore, Dam to South Narrows	Chip Wendler	Yes	
9	South Basin Eastern Shore, South Narrows to the Dam	Mark Patterson	Yes	
10	South Basin Eastern Shore, Cygnet Rd to South Narrows	Wyonegonic	Yes	
11	South Basin, No Wake North of Narrows Bridge to Cynet Rd	Josh Harrington		
12	Middle Basin Eastern Shore, Party Cove to No Wake North of Narrows	Scott Frame	Yes	
13	Middle Basin Eastern Shore Green Roofed Winona Yurt to Party Cove	Bill Dexter	Yes	
14	Middle Basin Eastern Shore, 302 Ramp to Gren Roofed Winona Yurt	Zach Clayton		
15	North Basin Eastern Shore, 302 Causeway to North End of Cedar Drive	Bill Monroe	Yes	
16	Route 302 Causeway North and South Sides	Bill Dromeshauser	Yes	
17	North Basin Eastern Shore, North End of Cedar Drive to "Sweden Marina"	Randi Petter	Yes	



Member Communication

- Historic member communication:
 - Annual solicitation letters to the 900+ residents that live in and around the lake
 - Thank you/tax letters to our generous donors
 - This annual meeting
 - Meetings with neighborhood and road associations
 - Our annual fall/winter newsletter *Moose Pond Matters*
 - The Moose Pond Association Facebook site
 - The Moose Pond For Sale or Rent Facebook Site
 - The MPA Web Site
 - Word of mouth
- Possible future member communication
 - Monthly e-mail updates with articles of interest



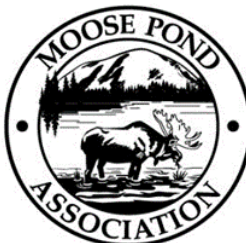
Membership Health Report

- We received +/- 260 member donations in 2022 versus +/- 270 member donations in 2021
- +/-265 members still less than 1/3 of the 900 properties around the lake
- Please promote MPA membership with your neighbors and mention the importance of the MPA's efforts at your neighborhood association meetings (we'd be happy to make a brief presentation at those meetings if helpful)
- Broader membership would allow us to:
 - Pay for more CBI hours
 - Co-fund larger projects that will help prevent unhelpful run-off from entering the lake
 - Increase the size of the emergency response fund that we have established to combat an unexpected milfoil (or other invasive plant) infestation



Financial Health Report

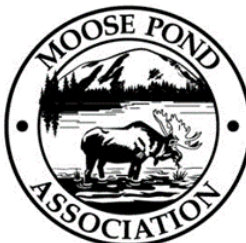
- In 2022 we received donations of \$47,282 (264 transactions) versus \$41,504 (277 transactions) in 2021
- The figures above include our CBI grants from the State of Maine
- Nancy Campbell *Scenes of Moose Pond* calendar sales netted \$1,500 for MPA and was a nice way to make more people aware of the MPA
- Our largest expenditures are:
 - The CBI program (\$20K)
 - Payments to LEA for surveys, monitoring and general support (\$5K)
 - We use LEA resources beyond surveys and monitoring and encourage everyone to donate to them directly, as well as MPA, and take advantage of their programs. They are a key resource for us.
 - Membership communication including the website, newsletter and mailings (\$7K)
- We have a cash reserve of \$50K which we are maintaining for two reasons:
 - If we have a milfoil/other invasive plant infestation in Moose Pond we want to take quick action to remediate it
 - We offer matching funds (\$1 for \$1 up to \$1000) to lakeside home owners who under the direction of LEA/LakeSmart choose to remediate troublesome run-off areas on their land



Preliminary Budget

INCOME	2023			2022		
	BUDGET	ACTUAL	Favorable/ (Unfavorable)	BUDGET	ACTUAL	Favorable/ (Unfavorable)
MEMBERSHIPS	41,000	\$ -		\$ 30,000	\$ 42,583	\$ 12,583
Donations in Kind	-			\$ -	\$ -	\$ -
Fund Raisers/Memorial Fund	-			\$ -	\$ -	\$ -
Hat/Shirt Sales/Amazon	-	\$ -		\$ 100	\$ 15	\$ (85)
Calendars	6,700	\$ -		\$ 0	\$ 6,875	\$ 6,875
CBI Grant From DEP	4,800	\$ -		\$ 3,800	\$ 4,200	\$ 400
TOTAL Receipts	52,500			\$ 33,900	\$ 53,673	\$ 19,773
EXPENSES	BUDGET	ACTUAL	Favorable/ (Unfavorable)	BUDGET	ACTUAL	Favorable/ (Unfavorable)
COURTESY BOAT INSPECTORS	23,000			\$ 20,250	\$ 20,538	\$ (288)
LEA Moose Pond Survey & monitorin	5,600			\$ 2,570	\$ 3,760	\$ (1,190)
LEA Support	2,000			\$ 1,500	\$ 1,500	\$ -
Wash Stations/Ramp Maintenance	300			\$ 300	\$ 1,256	\$ (956)
Bloomerang	1,600			\$ -	\$ 2,150	\$ (2,150)
Website Services/MPA Newsletter	3,000			\$ 3,500	\$ 5,595	\$ (2,095)
Calendar cost	3,500			\$ -	\$ 5,238	\$ (4,671)
Brochure/Signs/Mailing	1,500			\$ 3,500	\$ 1,529	\$ 1,971
Paypal, Tax, Legal Fees & Misc	2,000			\$ 800	\$ 1,952	\$ (1,152)
Emergency Reserve Fund	10,000			\$ -	\$ -	\$ -
TOTAL Expenses	52,500			\$ 32,420	\$ 42,950	\$ (10,530)
				\$ 1,480	\$ 10,723	

Proposed increase driven primarily by increased CBI coverage, additional LEA monitoring work and a budgeted annual addition to the Emergency Reserve Fund



Leveraging Your Caring and Generosity

- We are using the extra donations we in several important ways including:
 - Increasing the number of CBI days and hours at the Route 302 Boat Launch (+\$2,750)
 - Paying for increased LEA monitoring and testing (+\$2,850)
 - Making more matching funds available to lakefront Moose Pond property owners who might need them to execute lake-friendly remediation projects as suggested by LakeSmart and/or LEA
 - Building up an Emergency Reserve Fund so that the MPA can pay for the rapid remediation of an invasive plant infestation site if (when!) we discover one (+\$10,000)
 - New donor database, calendar production costs, etc. (+\$5,100)



Potential New Board Member – Josh Harrington

- Josh Harrington
- Family Programs and Outreach Coordinator at Winterkids
- Purchased home in the South Basin in 2012
- Spent lots of time on the lake as a kid (Hio Ridge Shores)
- Would be willing to help us increase our social media presence and engage with younger potential next-generation donors



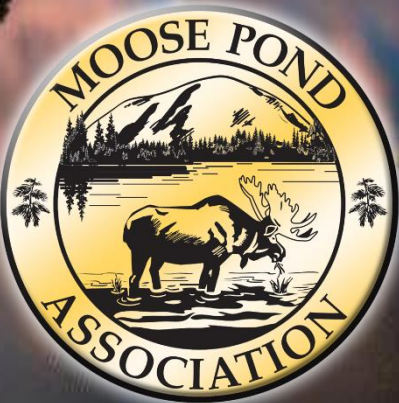
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Question and Answer Session



NGCP Photography

