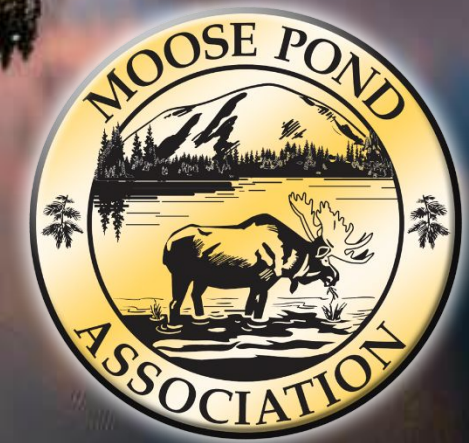


Moose Pond Association Annual Meeting

August 20, 2022



NAC Photography

Agenda

- Welcome and Agenda Overview Chip Wendler
- Boyne Development Plans & Conservation Policies Boyne's Ralph Lewis
- Report on Lake Health LEA's Ben Peierls
 - Water Quality Monitoring
 - Invasive Plant Survey
 - Loon Project
- CBI Activities and Boat Wash Stations Steve Petter
- No Wake Zones and Wake Wise Program Scott Frame
- LakeSmart Program Update Roy Lambert
- Membership Health Laurie Vance
- Financial Health Laurie Vance
- Member Communication Mark Patterson
- Board Nominations and Elections Chip Wendler
- Question and Answer Session All



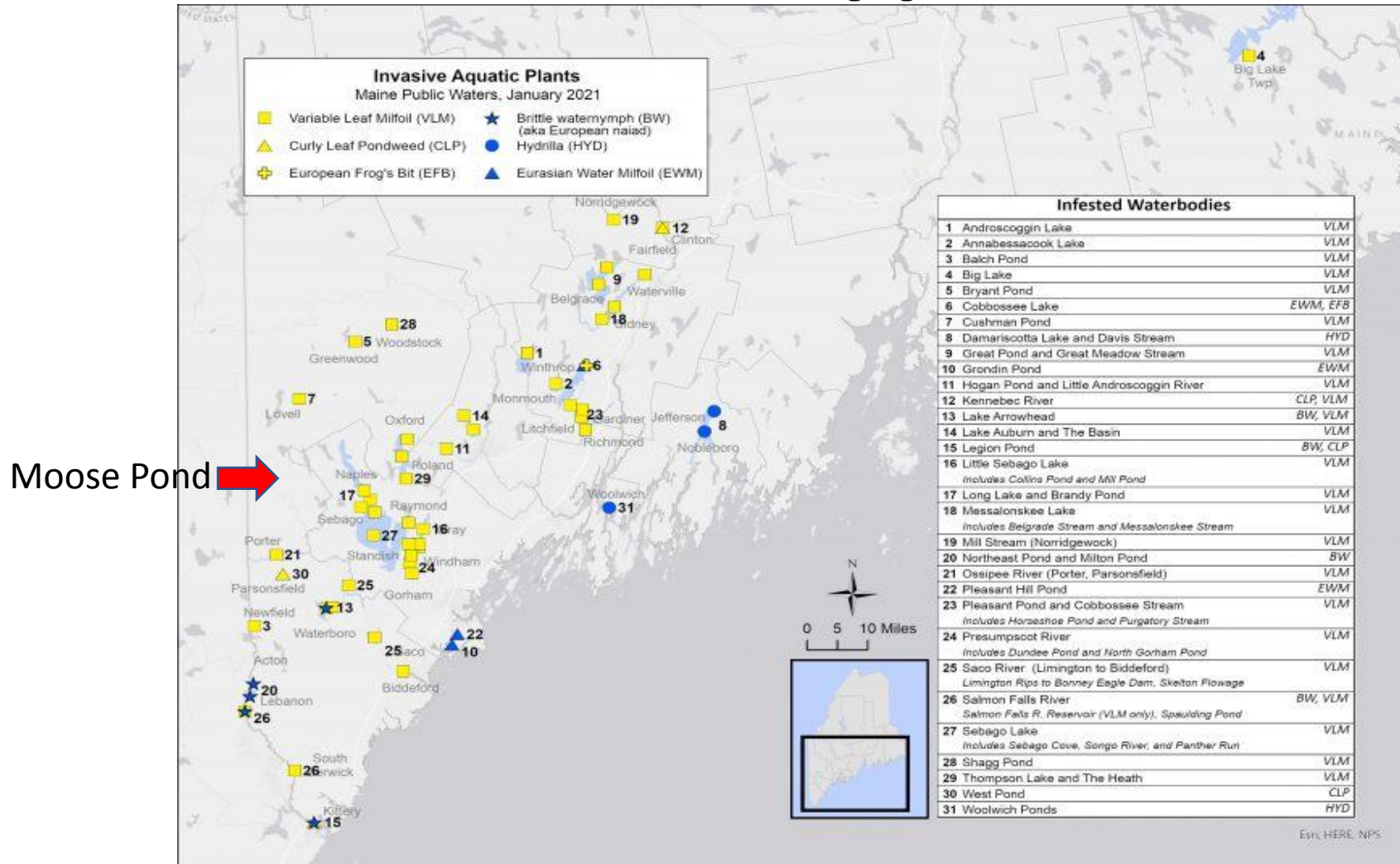
Board Nominations and Elections

<u>Board Member</u>	<u>Remaining Term (Years)</u>		<u>Expiration Year</u>
• Zach Clayton	1	2023	
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* Will serve again if asked



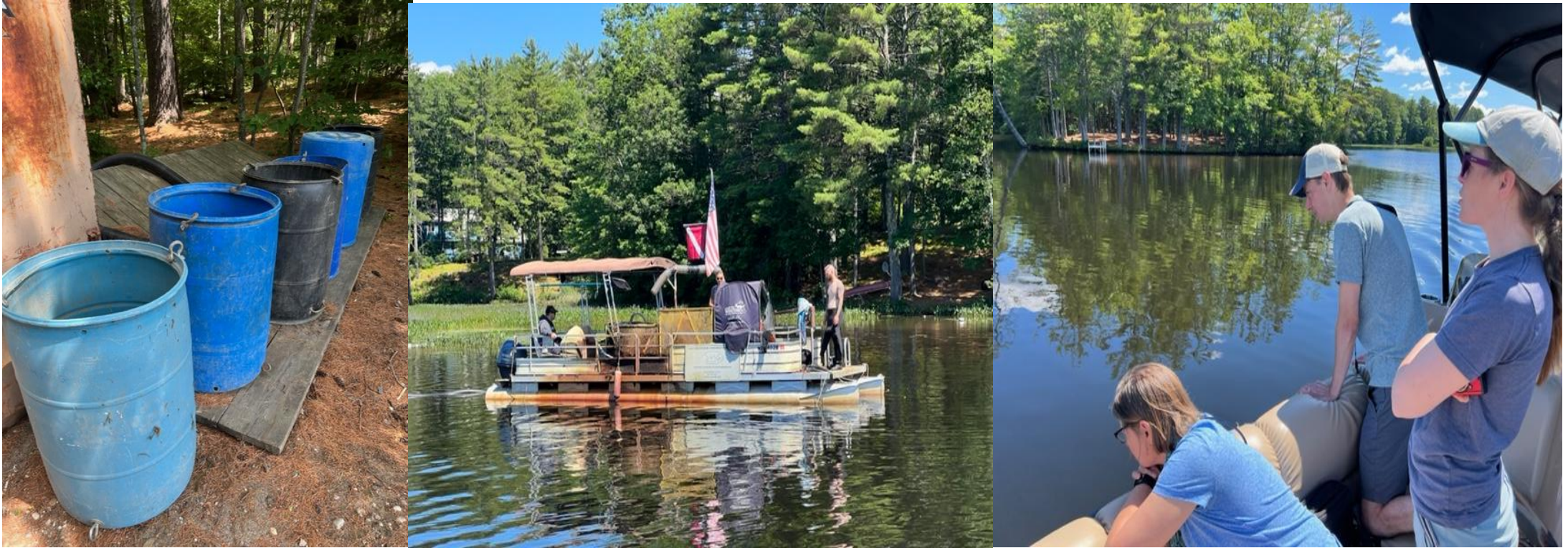
Thank You for Your Support!



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 Moose Pond Association Board traveled with several LEA team members to visit Milfoil Infested Lake Arrowhead – only 36 miles from the shores of Moose Pond https://studio.youtube.com/video/Xz_fd5W_kdM/edit

- 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***



Boyne Development Plans & Conservation Policies – Ralph Lewis, GM: Shawnee Peak



TIRELESS CONSERVATION

Protect the natural environment unwaveringly, ensuring proper use for purposes related to outdoor recreation, and preserving or rehabilitating the land over which we are stewards.

Lake Health: Water Quality Monitoring

- 2022 data through early Aug
- Close to long-term average conditions (but limited lab data so far)
- Mostly no (or stable) long-term trends through 2021, except slightly increasing phosphorus in south basin



Moose Pond-North

Preliminary data up to 8/3/2022

● ● Mean and raw 2022 data

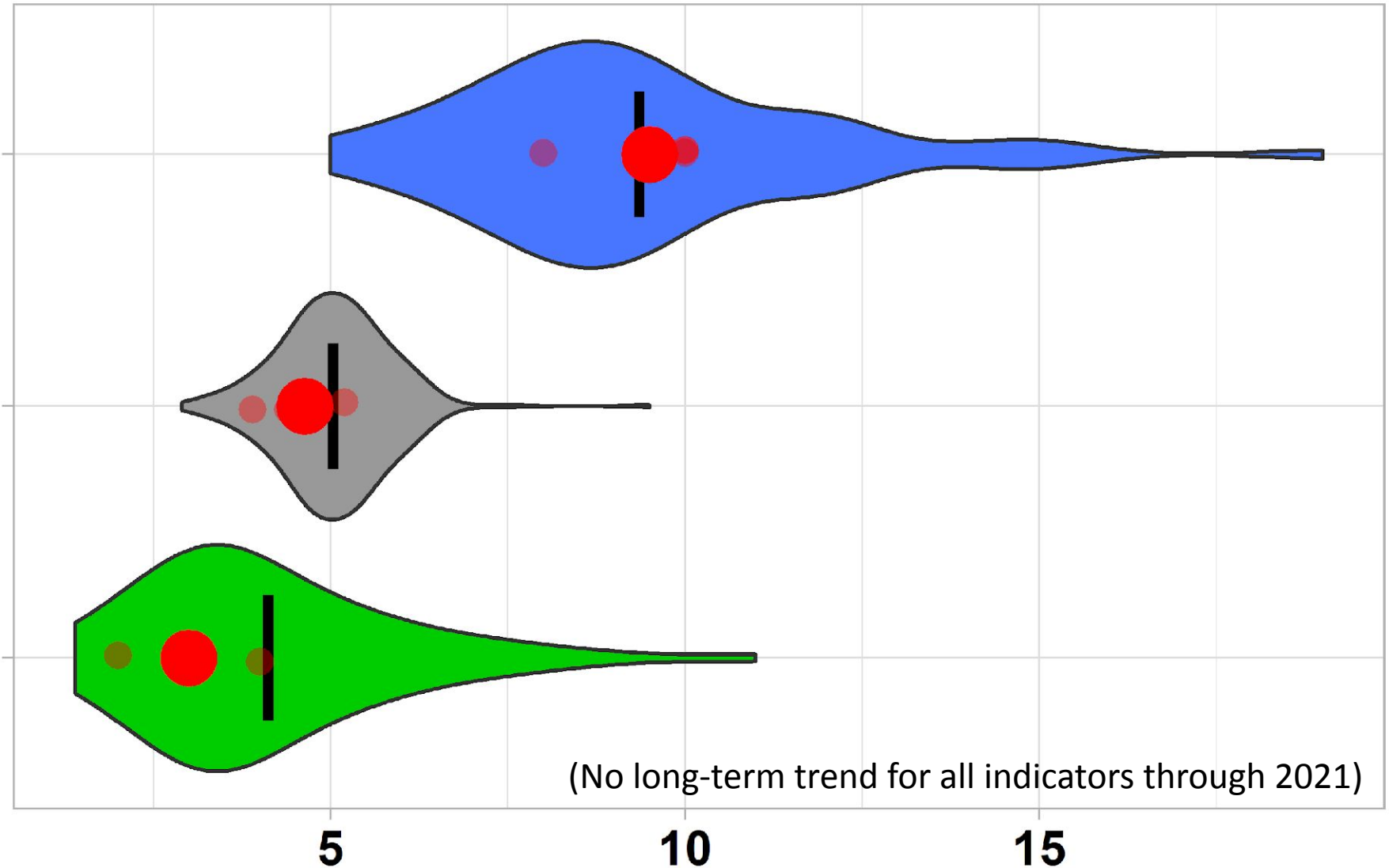
Vertical bar and filled shape:

Long-term data mean, range, and density

Total P, ppb
(lower is better)

Secchi Depth, m
(higher is better)

Chlorophyll, ppb
(lower is better)



(No long-term trend for all indicators through 2021)



Moose Pond-Main

Preliminary data up to 8/3/2022

● ● Mean and raw 2022 data

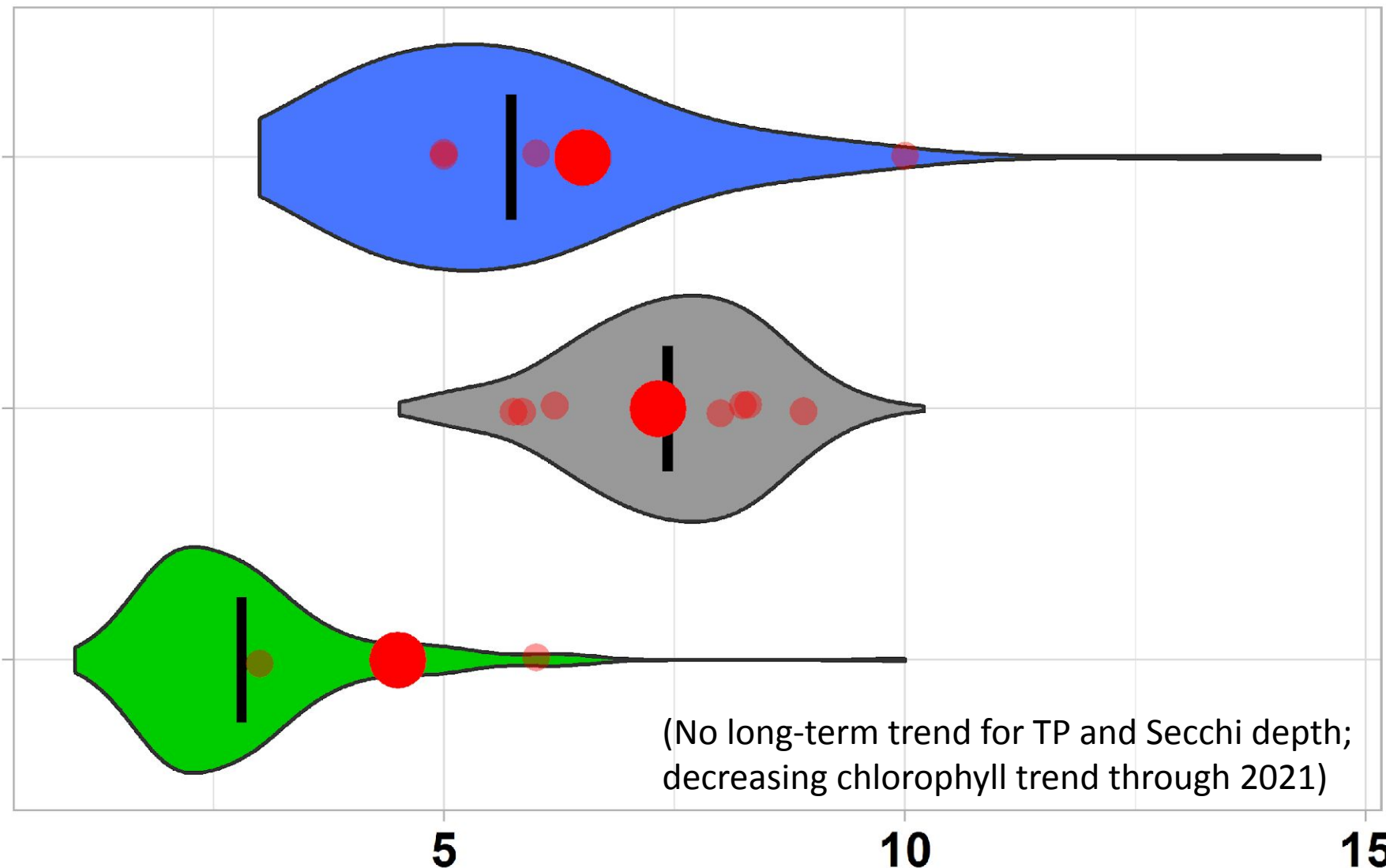
Vertical bar and filled shape:

Long-term data mean, range, and density

Total P, ppb
(lower is better)

Secchi Depth, m
(higher is better)

Chlorophyll, ppb
(lower is better)



Moose Pond-South

Preliminary data up to 8/3/2022

● ● Mean and raw 2022 data

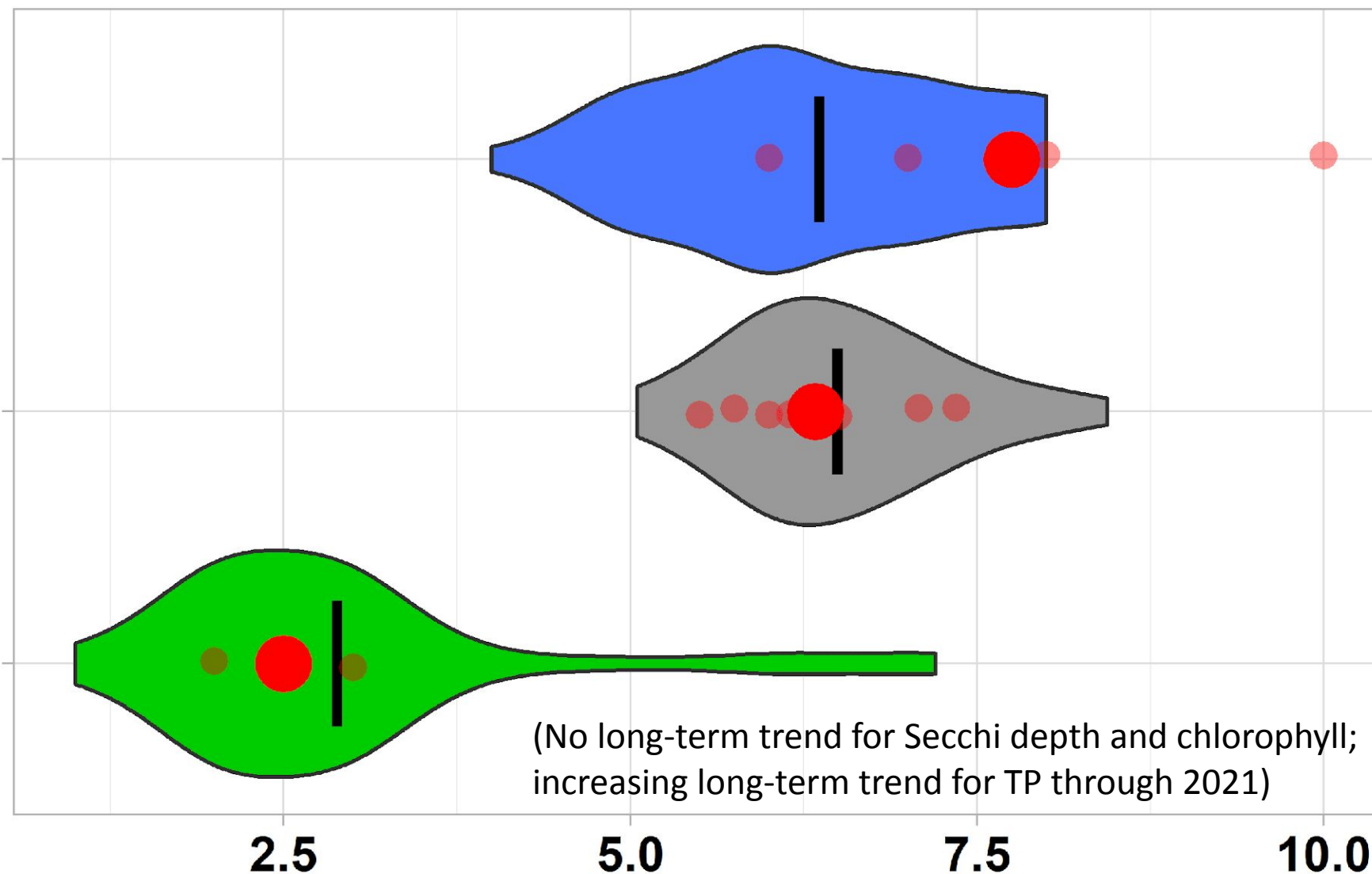
Vertical bar and filled shape:

Long-term data mean, range, and density

Total P, ppb
(lower is better)

Secchi Depth, m
(higher is better)

Chlorophyll, ppb
(lower is better)



Lake Health: Winter Monitoring



- Three visits to main basin during January to March 2022
- Similar conditions to 2021, not as much deep oxygen loss
- Secchi depths and phosphorus comparable to long-term data



See: mainelakes.org/testing-reports/

Lake Health: Loon Project – Year 2

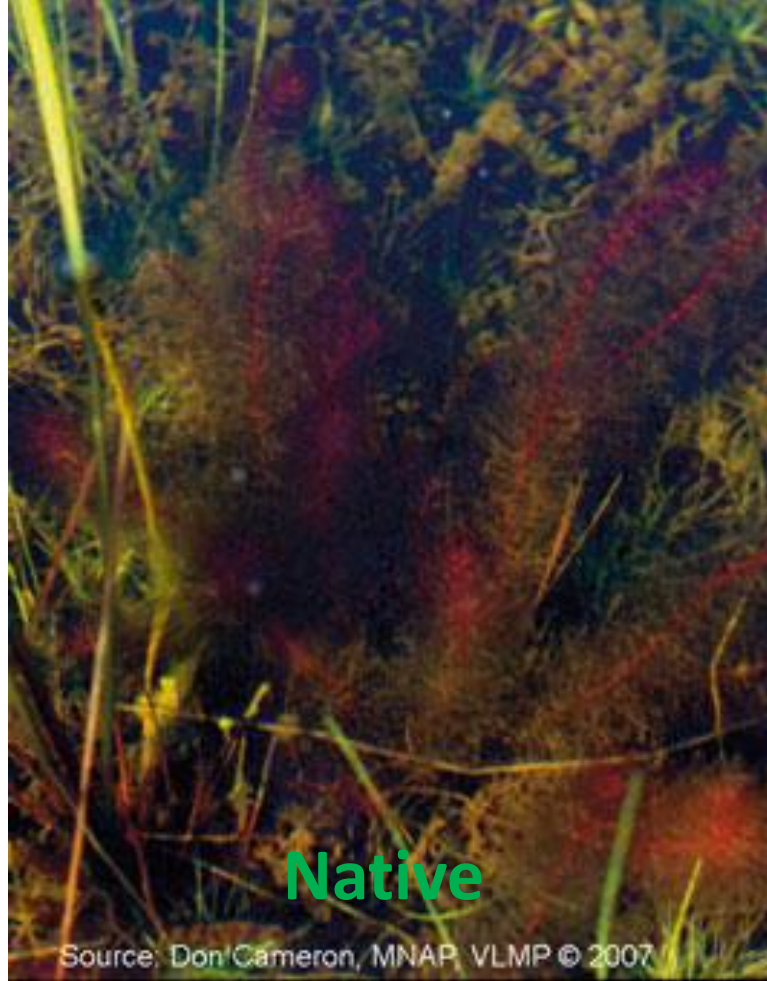
- Nesting raft in good location, but not used yet
- Two nests known, chick seen with one pair
- Could use volunteer monitors
- Contact Maggie Welch for more information: maggie@mainelakes.org



NGC Photography

Lake Health: Invasive Plants

- Milfoil and more (threats from Brittle Naiad, Curly Leaf Pondweed, European Frogbit, Hydrilla)
- Native species can look similar
- Volunteer surveyors (e.g. MPA's new Lake Section Captain Program)



If you find a suspicious plant:

Take note of where found

Take a sample (in Ziploc with water) and/or photo of the plant

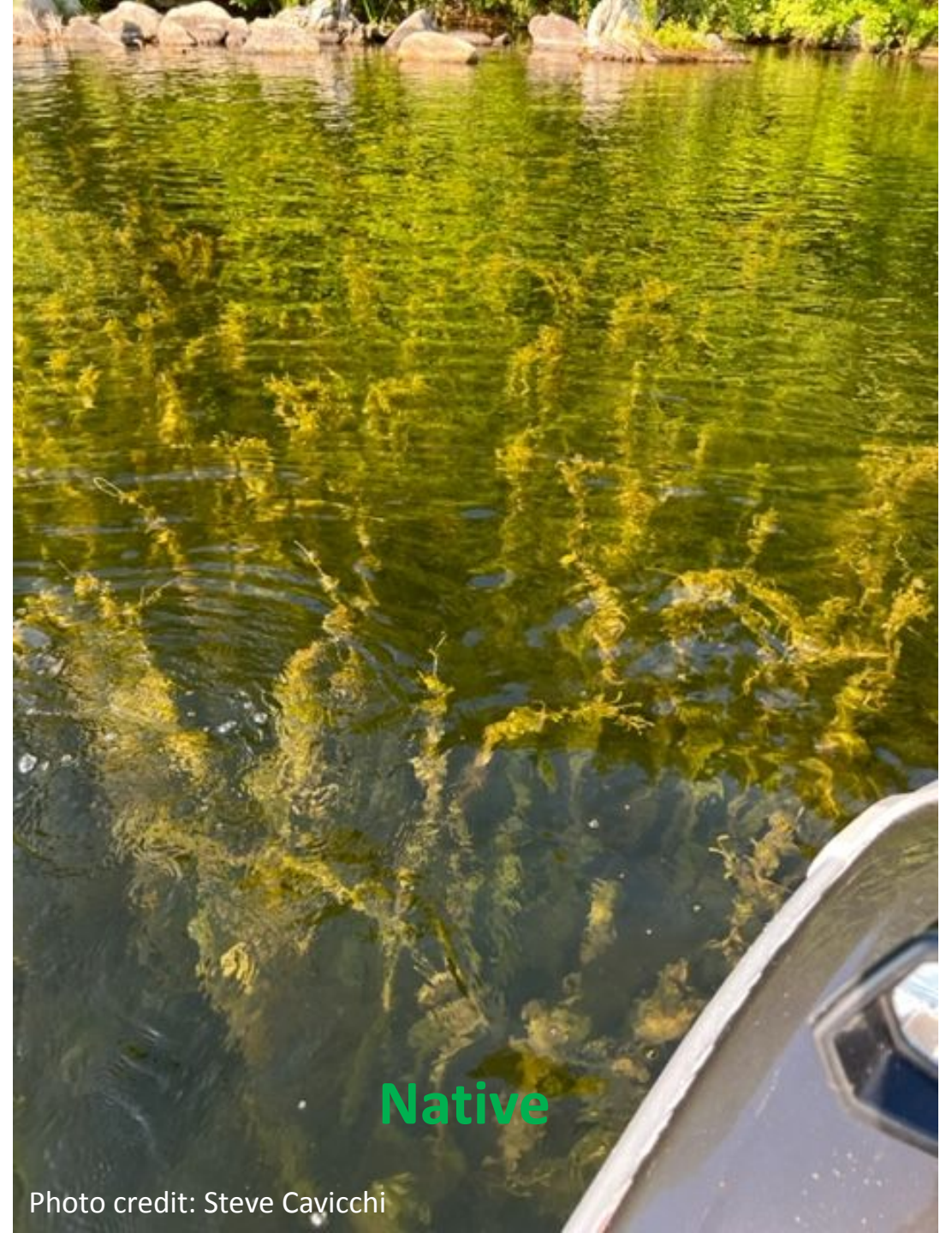
Email photo to: mary@mainelakes.org or alanna@mainelakes.org

Bring sample to 230 Main Street, Bridgton (207-647-8580)



Lake Health: Invasive Plants

- Early August 2022 plant observation (Steve Cavicchi) at Lakeside Village docks
- Chip harvested a sample of the plant and brought it to the LEA offices for inspection
- Native Pondweed

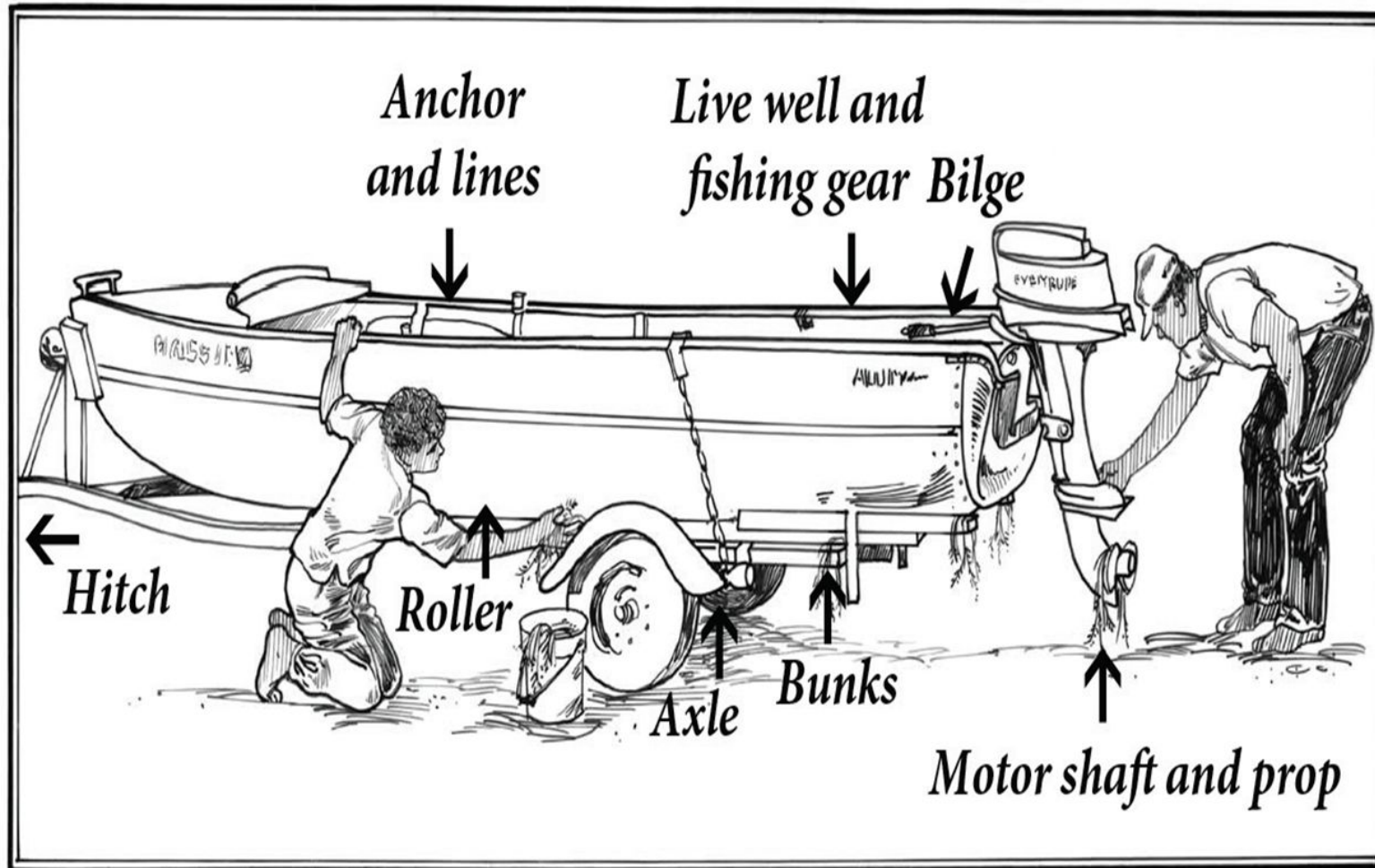


Native

Photo credit: Steve Cavicchi

Courtesy Boat Inspector (CBI) Activities

- The CBIs are our first line of defense



Good News!

- As in previous years, MPA partnered with LEA to provide Courtesy Boat Inspectors (CBIs) at the Route 302 and Denmark Boat Launch Ramps
- As of July 18th, No Invasive Plant Fragments Have Been Found
- We are 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: Projected Hours and Days

Total projected CBI Hours = 1260

Rt. 302 ramp (850 hours/85 Days) May 28,29,30 ;June-weekends plus the 29th & 30th ; July1st – August 31st ; September weekends plus 1st , 2nd, and 5th (Labor Day) all are 7AM to 5PM

Denmark Ramp (410 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



CBI Activities: Cost and Impact

Paid CBIs:

- Total of 1260 paid CBI hours per schedule
- Cost to cover the CBIs - \$18/hr. X 1260 = \$22,680
 - 2021 was \$16/hr.
- CBIs provided by LEA and paid for by MPA Member Donations

As of July 18, 2022:

- Rt. 302 ramp - 548 boats inspected, 4 plants found, no invasive plants identified (on track w/last year)
- Denmark ramp - 162 boats inspected, 8 plants found, no invasive plant identified (8x increase over last year -1 found)



CBI Activities: DEP Cost Share Grant

- MPA applied for \$8,825 DEP cost share grant and was awarded \$4200 (Up from \$1,600/2018, \$3,100/2019, \$3,500/2020, & \$3800/2021)
- DEP grant program funded 100% through milfoil sticker sales
- LEA has not determined if an increase will happen in 2023. However, we should plan on a CBI cost increase of \$1 per hour due to possible wage changes and LEA overhead charges



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.
- The Denmark boat wash station was repaired by Collins Plumbing this Spring with a new water pump at a charge of \$750 paid by MPA
- MPA also repaired the pump house wood rot & critter proofed it
- Please thank Collins Plumbing if you happen to use them!
- Bridgton Fire Chief also helped to facilitate the opening of the Rt. 302 wash station and a new wash station sign was added.



No Wake Zones & Wake Wise Reminder



- 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
- Scott and Chip are meeting with the Naples Marine Safety Officer on Monday, August 22 to learn more about the role that a Harbor Master might play in the Bridgton area to promote safe boating and boater courtesy



LakeSmart Program Update: Roy Lambert



Membership Health Report

- We have 141 members so far this year versus 173 last year at this time
- By year end we hope to have at have +/-230 members or 25% of 920+ parcels in and around the lake
- Please promote MPA membership with your neighbors and mention the MPA and its importance at your neighborhood association meetings (we would be happy to make a brief presentation at those meetings if it would help)
- Broader membership would allow us to:
 - Pay for more CBI hours
 - Co-fund larger projects that will help to prevent unhelpful run-off from entering the lake
 - Increase the size of the emergency response fund that we have established combat an unexpected milfoil infestation



Financial Health Report

- Contributions through 8/16 are \$22K vs. \$27K this time last year
- Expenses are \$10K this year vs. \$3K this time last year (but we will ultimately end up spending about \$33K)
- Our largest expenditures are:
 - The CBI program (\$20K)
 - Payments to LEA for surveys and monitoring
 - 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.
 - Membership communication including the website, newsletter and mailings
- We have a cash reserve of \$70K which we are maintaining for two reasons:
 - If we have a milfoil/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 at the direction of LEA or LakeSmart choose to remediate troublesome run-off areas on their property



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
 - Our annual fall/winter newsletter *Moose Pond Matters*
 - The Moose Pond Association Facebook site
 - The MPA Web Site
 - Word of mouth
- Future member communication
 - Monthly e-mail updates with articles of interest
 - Meetings with neighborhood and road associations



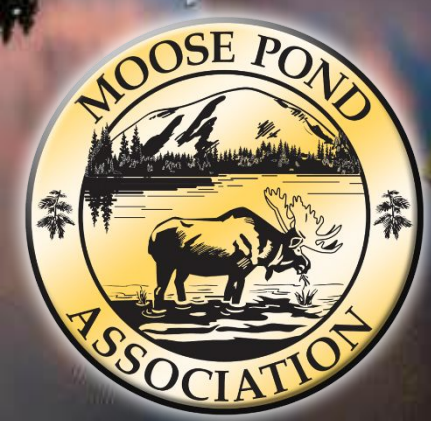
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Question and Answer Session



NAC Photography