

The Mirror Lake Protective Association

was founded in 1991 to protect and preserve

Mirror Lake, its wildlife and wildlife habitat, and

to promote knowledge about the lake,

its history, and related activities.

Agenda

- Welcome and Introductions
- Approve minutes of the 2018 annual meeting
- Approve Treasurer's report
- Approve Nominating Committee recommendations
- Standing Committee/Activities Reports
- Old Business
- New Business
- Adjourn

Minutes of the 2018 Annual Meeting Fran O'Donoghue, Secretary



Treasurer's Report

Current balance in operating account: \$35,557 Special account (reserve) \$9,239.61

\$500 donation made June 7, 2019 specified for Land Conservation

Seamus Oscalaidhe and Tiina Urv

Thank you!!!

Treasurer Report

Annual MLPA Community Donations

Friends of Libby Museum \$50

Loon Preservation Association \$100

Lakes Region Conservation Trust \$100

New Hampshire Lakes Assoc. \$300

Lake Winnipesaukee Watershed Assoc. \$100

Nominating Committee Slate of Candidates Kathy Sciarappa, Chair

- President Gene Kelley
- Vice President Val Zanchuk
- Secretary Fran O'Donoghue
- Treasurer Kathy Marien
- Steve Scapicchio (term expires 2022)
- Kathy Sciarappa (term expires 2022)
- Larry Gil (term expires 2020)
- Dusty Davies (term expires 2020)
- Ed Pease (term expires 2021)
- Ann Torregrossa (term expires 2021)
- Thank you Marilyn Edelhoch & Steve Dombrowski for your board service!

Lake Host Program Larry Gil

- Provides courtesy boat inspections for lake visitors, primarily on weekends. Looking to prevent the introduction of invasive species to Mirror Lake no milfoil, but Chinese Mystery Snails. It's estimated that 70% of lake invasives come from visiting boats. Larry estimates that half of visitors come during non-host periods.
- Volunteers Larry and Eileen Gil, and Beth Urda. Paid interns

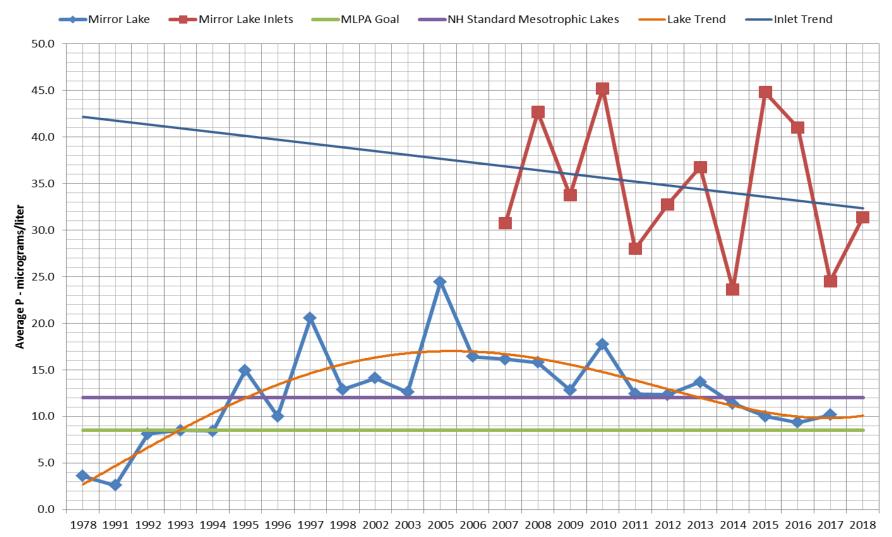
 Marianna Pallidino (3rd year) and Emma Colegrove (1st yr-Larry's granddaughter (college w)other jobs) Past: Louis Herrick . Program supported by \$1650 grant with a 100% inkind services match (Volunteer time, MLPA donation, NH Lakes \$300). Need more volunteers contact Larry Gil.

Lake Water Sampling Larry Gil

- Multi-station lake water sampling summer months
- NH Cooperative Extension helped us
 - Bob Craycraft-refurbished equipment from the Byrds
- June 5th (Gene's pontoon boat)
 - —Gene Kelley, Sabina Perkins UNH grad: Masters thesis; Steve Scapicchio, Larry Gil
- Next sampling: July
 - —Gene Kelley; Jacob Kesler(student at Paul Smith College upstate NY), Larry Gil, Steve Scapicchio, Bob Craycraft

Lake Chemistry Trends

Mirror Lake Phosphorous History



Lake Levels Larry Gil

- Nominal level 510 feet above sea level
- High level 511 feet above sea level
- Low level 508.5 feet above sea level during 2016 drought
- Lake Winnipesaukee nominal level 504 feet above sea level
- All measurements taking from surveyor's medallion on twin culverts on Lang Pond Road

Lake Water Sampling Resolution Larry Gil

Resolved, that the President is hereby authorized to enter into an amendment, in the form approved by the President, to the MLPA contract with DK Water Resource Consulting LLC, dated August 17, 2018, to provide for one water testing in Mirror Lake during the winter of 2019/20 (referred to in said contract as an "ice covered event"), the cost of which shall not exceed \$500.

Aquatic Plant Monitoring Program Norma Milne

Active Weed Watchers

Glenda Philbin

Larry Gil

Tiina Urv & Seamas O'Scalaidhe

Joan & Stephen Scapicchio

Doug Herrick

Claudia and Tom Bissett

Jeanne Freeze

Norma Milne



Purple Loosestrife Problem



Aquatic Plant Guide Resolution

 Resolved, that the Geosyntec Field Guide to the Aquatic Plants of Mirror Lake in the 2012 Mirror Lake Watershed Management Plan be updated and reprinted to include among other things, new native plants identified in Mirror Lake, and plants invasive to the area, which new Field Guide, including graphic design, glossy pictures and printed on water resistance paper is estimated to cost up to \$2,000, is hereby approved



Land Conservation Committee Ann Torregrossa

Land Conservation Resolution

Resolved, that pursuant to the 2012 Mirror Lake Management Plan, which identified land conservation as a high priority, and consistent with the operating principals of the MLPA Land Conservation Committee (Committee") the Board hereby authorizes the Mirror Lake Protective Association to enter into a contract, on behalf of the Committee, with **Ecosystems Management Consultants, LLC of Center Sandwich, NH** ("Ecosystems") to undertake a field survey, environmental assessment and compressive strategic plan for land conservation in the Mirror Lake watershed, as outlined in the Proposal of Ecosystems dated, June 21, 2019 and approves a withdrawal of up to \$3,300 from the MLPA Land Conservation Account in payment of the proposed contract and authorizes the President to sign said contract on behalf of MLPA, in the form approved by the Committee Chair and the President.

Education/Welcoming Committee Kathy Sciarappa

Your Neighbors





MLPA Membership and Website Activity **Bill Tryder**



2018-2019

Paid Member Households

120

LakefrontWater AccessWatershedOther5353716

Tuftonboro

52

Year Round Seasonal 19 30 Wolfeboro

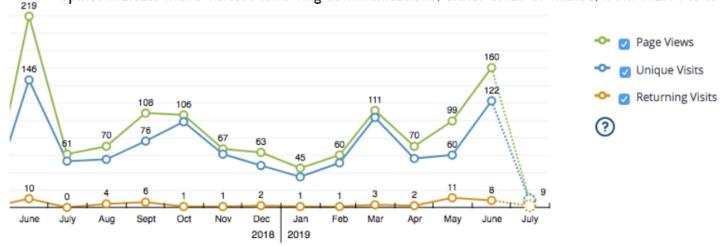
39

Year Round Seasonal 25 II



StatCounter tracks visitor action to a website. Mirror Lake Protective Association uses this service to measure the level of activity on our website.

The information below is for the period of June 30, 2018 to July 2, 2019. Spikes indicate more visitors following communications, either eMail or mailed, from MLPA to it's members.



Average Monthly Page Views

Average Monthly Unique Visits

Average Monthly First Time Visits

Average Monthly Returning Visits

89.1

69.4

65.7

3.7

Returning Visits - Based purely on a cookie, if this person is returning to your website for another visit an hour or more later

First Time Visits - Based purely on a cookie, if this person has no cookie then this is considered their first time at your website.

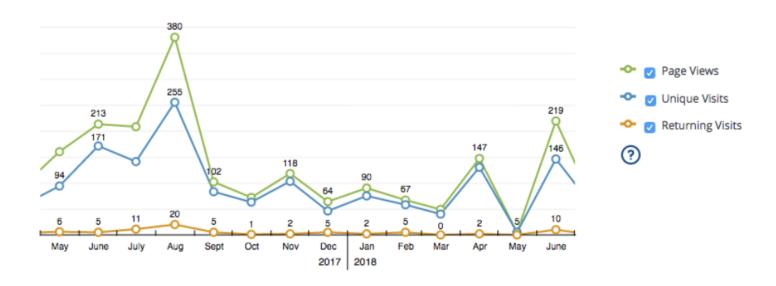
Unique Visits - Based purely on a cookie, this is the total of the returning visits and first time visits - a total count of visits.

Page Views - The number of times your page has been visited.



StatCounter tracks visitor action to a website. Mirror Lake Protective Association uses this service to measure the level of activity on our website.

The information below is for the period of May 31, 2017 to June 30, 2018. Spikes indicate more visitors following communications, either eMail or mailed, from MLPA to it's members.



Average Monthly Page Views

135.3

Average Monthly Unique Visits

100.7

Average Monthly First Time Visits

95.4

Average Monthly Returning Visits

5.3

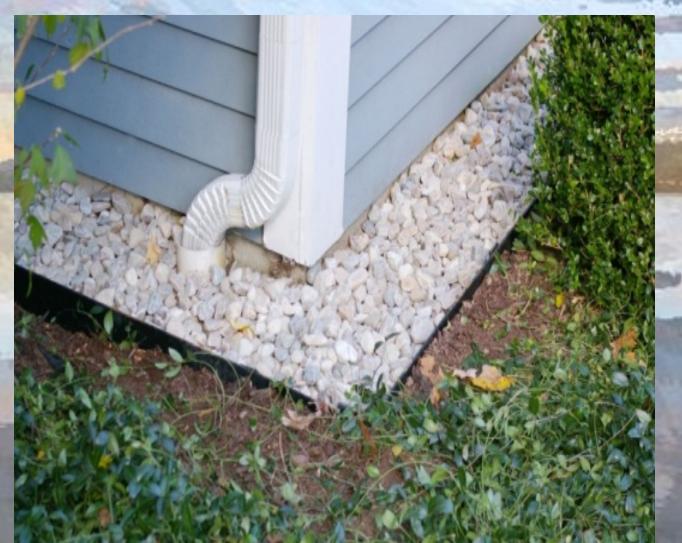
MLPA Facebook Page Norma Milne

- 139 members
 - Membership requests approved by Administrator (me)
 - 26 new members in the past 12 months
- No promotions or spam allowed
- Best and fastest way to interact with the Mirror Lake community
- Please join!

Old Business

- Rapid Infiltration System Larry Gil
- Lang Pond Road Gene Kelley
- Rt. 109 Boat Ramp Gene Kelley
- Management Plan Overview/Updates Gene Kelley/Dusty Davies
- Landowner Best Management Practices

"Soak Up the Rain" Dig drip line trenches

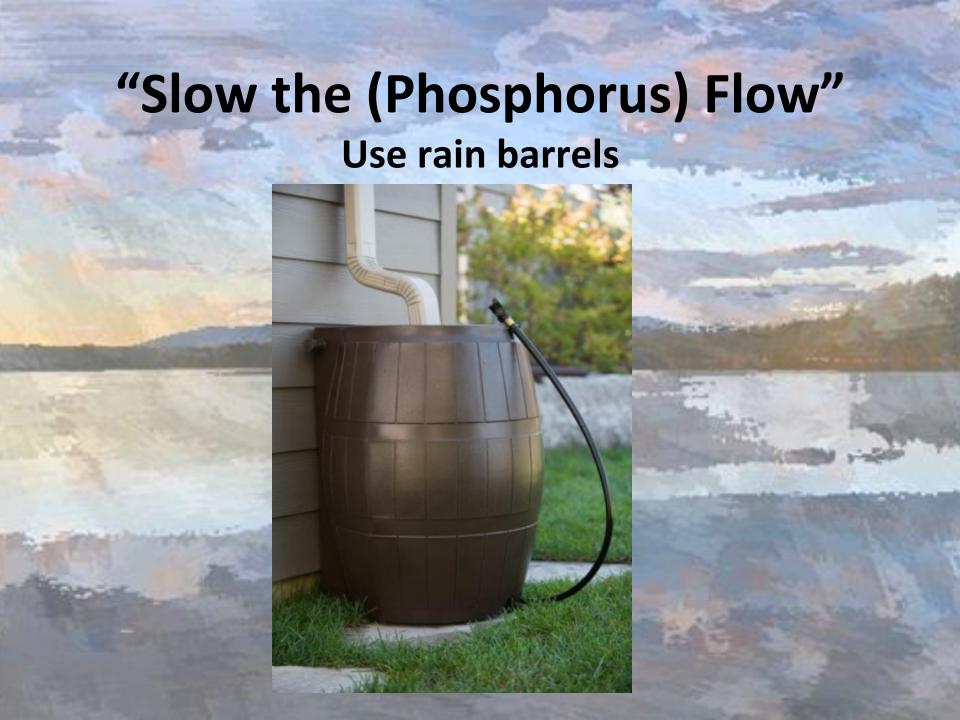


"Slow the (Phosphorus) Flow"

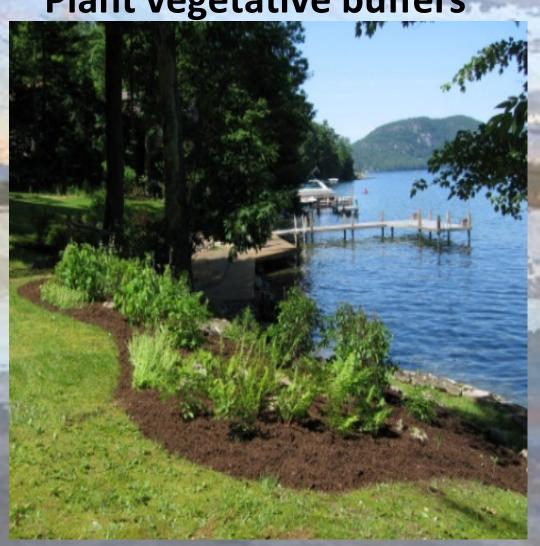
Grow rain gardens



"Soak Up the Rain" Build infiltration steps







"Slow the (Phosphorus) Flow"

Apply pervious/permeable pavers



New Business

 2019 Water Summit Highlights – Gene Kelley, Kathy Sciarappa

Wolfeboro Water Summit/Lakes Congress

Are you concerned about cyanobacteria in our lakes?





MAY 11 • 9AM to 12PM

The Great Hall at Wolfeboro Town Hall registration & coffee at 8:30AM ~ mid-morning catered food

Wolfeboro's fature economy is dependent on our water quality. Cyanobacteria is a looming threat to regional lake health and our economy. Come hear about factors including storm water runoff that are leading to more frequent algae blooms.

Join us to learn from De, Jim Haney, a UNH cyanobacteria expert, to hear the facts about this threat to lake health. A panel discussion that will include experts from all waterbodies in Wolfdeons will discuss what can be done to help protect area lakes.

Join the team to stem the risk of cyanohacteria in our local waters.

All welcome! FREE AND OPEN TO PUBLIC





Pharmaceuticals in Water

- Evolving global issue
 - Coming from improper disposal, runoff (animal antibiotics and other drugs), sewage
 - Drinking water treatments can remove up to 99% of pharmaceutical molecules
 - No treatment for groundwater, lakes, river, ocean
 - Unknown impact of low level concentrations, but high concentrations can have an impact
- Precautions at Mirror Lake
 - Proper disposal
 - Town drug collection days
 - <u>Don't flush pills into your septic systems</u>

Adjourn