Lakes Appreciation Month Wrap-Up

As I’m sure you are all aware, July was Lakes Appreciation Month. Where did the time go?! Before we head into autumn, folks start shutting down their summer cottages, and the Denver conference is upon us … let’s take a moment to reflect on how EPIC this year’s LAM really was!

Highlights from Lakes Appreciation Month 2017 include:

- Lakes Appreciation Month Coordinator, Steve Lundt, spread the word about NALMS, Lakes Appreciation Month, and the Secchi Dip-In on NPR’s “Here and Now.” Missed the interview? Listen to it here.

- NALMS’ Outreach and Education Committee released a new and improved second edition of our popular Your Lake & You! publication. This handy guide is available as a free digital download on the NALMS website; print copies may also be purchased.

- Our Secchi Dip-In intern reported steady participation this year and received water quality measurements and Secchi disk depths through the SDI database, GLEON’s Lake Observer mobile app, and mailed entry forms.

- Numerous members took advantage of the *new this year* fun and easy Color-Ons to show support for their favorite lake. You can see me proudly sporting mine on the NALMS team page!

- NALMS partnered with the Source Water Collaborative to release a statement on Source Water Protection (including an in-depth white paper), which you can view here.

- Events, photos, videos, and stories were shared across numerous social media

Continued on page 4...
**Submit Your Affiliate News**

Let us know what your NALMS affiliate is up to! State and provincial lake management groups do fun and interesting things. Let NALMS and others know what you are up to. You spend a large amount of volunteer time to put on great events, might as well share them. Send your news to us at nalmsnotes@nalms.org.
Welcome to the dog days of summer! I hope you are relaxing at the cottage on the lake or near some body of water with fluids to stay hydrated for the last bit of summer as we wind down to the Labor Day long weekend. Out here in the west, our winter snowpack melted slowly, and has now given way to smoke filled air as the wildfire season is well under way. That snowpack though may have left a bit of a benefit into summer – HABs warnings so far across the Pacific Northwest are low, and the green stuff is just starting to ramp up in our local lakes – perhaps the atypical high and extended flows resulted in a flushing action? Speaking of flushing action, our week-long raft trip in July occurred at flows typical of early spring, and made for some exciting Grand Canyon-sized rapids right here on our local Idaho rivers (I know not lakes … but still water!). Not to worry, I’ve been getting my fill of being out on lakes doing research – another cohort of summers students completed their time at our LaSES lab – check out the exciting science they did on the lab’s Facebook page (https://www.facebook.com/IWRRICDA/). If you’ve been involved with some interesting work, or group of people dedicated to improving our lakes and watersheds, drop us a note for in inclusion in the next NALMS Notes, or have Alyssa highlight it on our Facebook page.

In the last NALMS Notes I indicated that we had joined CASS (Consortium of Aquatic Science Societies) to i) be able to pivot rapidly in response to changes in DC and ii) to lend our voice to input on matters affecting aquatic resources across the country with like-minded societies. Diane Lauritsen, our current Region 4 Director is serving as the liaison on behalf of NALMS and we are already in the middle of participating with CASS. As you’ve seen on our social media sites, and via the recent email blast to the members, the administration has filed in the CFR to repeal the Waters of the US (WOTUS) rule, established in 2015 after a lengthy and thorough comment period and participation by a wide spectrum of interested parties. The proposed change comes with only a 30-day comment period, so please, if you feel inclined, take note that the comment period ends on the 27th of September. See https://fisheries.org/2017/07/cass-statement-wotus/ to obtain background information links, and how to comment. The International Association of Great Lakes Research (IAGLR) is the latest society to join the consortium, we welcome them.

July was Lakes Appreciation Month (LAM), and judging by activities around the country that Alyssa highlighted on our Facebook page, a lot was happening to support lakes (See also her wrap-up article). Our Dip-In Program also had a high response rate, and Vanessa has asked me to remind you to submit those readings, especially those from July. I’d also like to thank Vanessa for leading our Dip-In program for the last year and a bit; she finished her term as our Dip In intern on August 11, and is planning to graduate from her graduate program in December, we wish her the best of luck in her future endeavors. Based on discussions at our monthly board meetings and in consideration of our financial circumstances, we have decided that Philip will take over data management of the Dip-In Program, while Alyssa will work on the marketing and notifications. The program has and continues to amass a large amount of primary data that is ripe for exploration beyond what we can do with our staff, so if you know of a keen, highly motivated under- or graduate student that if looking for a dataset for analysis, please point them our way.

In case you missed it (how can you), registration for our annual symposium in Denver is now open. See the large-can’t-miss-it notifications in this issue for links to register and be sure to take advantage of the early bird specials. Registering early also gives Jeff Schloss, our planner, and Philip more concrete numbers to work with, as there’s lots of behind the scenes work that goes into a smooth and successful symposium. Kudos to the local organizing committee in Denver, a sharp program is in the works, and they have done an excellent job with sponsorships. If you’re a vendor that hasn’t

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Lakes Appreciation Month Wrap-Up
... Continued from page 1.

 platforms, including Facebook, Twitter, and Instagram. You can check out what our members and social media supporters posted by searching our hashtag (#LakesAppreciation) on any of the three platforms mentioned above.

A big and sincere thank you to our members, supporters, and Secchi Dip-In volunteers for submitting your water quality data, writing your government leaders for proclamations, posting lake selfies on social media (we greatly enjoyed these!), and letting your appreciation for lakes be heard … on a global scale!

Before I wrap this up, as your Membership Director, I would be remiss if I didn’t put out the call for membership renewals. If your renewal date is coming up, expect to hear from me through emailed reminders and follow-up invoices. As I’ve said before, it’s never been more important to stand with organizations you believe in. Be sure to renew your membership and show your continued support for lakes! And if you’re not yet a member of NALMS – come join us! 🌟

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https://www.nalms.org/lakeline-magazine/nalms-advertising/

President’s Message
... Continued from page 3.

registered yet for a booth, don’t let this opportunity slip away – contact Philip or Alyssa today. While on the topic of symposia, Jeff has notified us that he’d like to reduce his involvement (there’s something about retirements this year) in response to which the conference committee has developed an RFP to seek someone’s services to do this for NALMS. Check out the RFP and additional information on our web page here: https://www.nalms.org/conference-services-request-for-proposals/. Please help spread the word far and wide, so we can develop a deep pool from which to choose. While he’s long from finished, we do thank Jeff (and Philip and Alyssa) for an excellent job they do with our annual symposia. I hope you are planning to join us in Denver and I’ll see you there.

Stay safe out on the water, and heed those HABs advisories or closures and be sure to take care of your pets as well. 🌟
**NALMS News**

**Consider a Donation to the Silent Auction**

Please consider donating a silent auction item with all proceeds going towards the Eberhardt Memorial Student Fund, which funds Student Travel Grants and the new Student Video Series. Items in hand are preferred but a large picture will work for any larger items that you are willing to ship to the winner. Please email any questions to student@nalms.org.

**NALMS Inland HABs Program Seeks Volunteers**

Do you have an interest in cyanobacteria and some time to work with like-minded folks to take the NALMS Inland Harmful Algal Blooms (HABs) program to the next level? Was that a Yes? Then we are looking for you! Please send your contact information to Angela.Shambaugh@vermont.gov so we can get you involved in our discussions.

Angela Shambaugh and Shane Bradt, co chairs
NALMS Inland HABS Program

**NALMS Election Begins September 6**

NALMS Members watch for your election ballot in your email on September 6. If you don't receive one, please contact us to see if your membership and contact information are up-to-date. The election will end on October 21.

**Annual Membership Meeting to be Held November 7**

NALMS' Annual Membership Meeting will be held on November 7 at the Westin Westminster, Westminster, Colorado in conjunction with our 37th International Symposium. All members are encouraged to attend.

**Not a NALMS Member? It’s Easy to Become One. Join Today!**

NALMS Notes is free for everyone, but only NALMS members can have LakeLine Magazine and Lake and Reservoir Management delivered to their mailboxes 4 times a year. NALMS members also receive discounts on publications and conference registration.

Joining is easy! Visit our website to get started.

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**Latest Articles from LRM**

NALMS Student, Professional, Life and organizational memberships include full online access to Lake and Reservoir Management articles.

**Habitat evaluation model for ecologically successful lake restoration**

Weiwei Yao, Tongtong Zhao, Yuansheng Chen, Yu Zhong, Haiyan Fan, Wenyi Zhang & Linkai Li
Published online: 11 Jul 2017

**Assessment of long-term trends for management of Candlewood Lake, Connecticut, USA**

P. Kohli, P. A. Siver, L. J. Marsicano, J. S. Hamer & A. M. Coffin
Published online: 11 Jul 2017

**An evaluation of emergent macrophytes and use among groups of aquatic taxa**

Kristopher J. Stahr & Mark A. Kaemingk
Published online: 11 Jul 2017

**Note: A rapid, cost-effective screening tool for measuring Chl-a in water samples**

Tiffany Trent, John Hendrickson & Matthew C. Harwell
Published online: 11 Jul 2017

**Abundance of milfoil weevil in Wisconsin lakes: Potential effects from herbicide control of Eurasian watermilfoil**

John E. Havel, Susan E. Knight & James R. Miazga
Published online: 05 Jul 2017

**Lake of the Woods phyto- and picoplankton: spatiotemporal patterns in blooms, community composition, and nutrient status**

Susan B. Watson & Hedy Kling
Published online: 23 Jun 2017

**Internal phosphorus loading contributions from deposited and resuspended sediment to the Lake of the Woods**

William F. James
Published online: 02 May 2017

**Comparing water-level policies in a boreal reservoir: How wave and ice energy can help maintain walleye spawning habitat**

Jason T. Papenfuss, Tim Cross & Paul A. Venturelli
Published online: 02 May 2017
For many of us in Region 2, the winter of 2016–2017 was another season where usually ice-covered lakes did not freeze up completely or only towards the end of the winter. Changing climate does not only increase air and water temperatures but affect local climate patterns including air moisture level and resulting amount and types of precipitation (i.e., rain vs. snow) and wind direction and speed. In New Jersey and New York, spread of aquatic invasive species (AIS) often seems to be linked to northward habitat expansion due to less severe winter conditions that allow some of the opportunistic introductions to survive and then thrive in spring. One of the collaborative research projects that I am involved in through the Global Lake Ecological Observatory Network (GLEON) is analyzing a suite of long term limnological and climate data from various northern temperate lakes to study how decreased periods of lake ice cover is affecting primary productivity in the following season.

In the last several months, I participated in several conferences of various foci and scopes spanning from academic limnological research to stakeholder-driven lake management. The underlying theme, strikingly, was essentially the same: how can we better understand and sustainably manage our natural resources in this new era of Anthropocene in which human activities have started to impact the environment (as opposed to the earlier geological eras such as Pleistocene where the environment determined which organisms lived where and how). Active involvement of citizens is crucial for successful and sustainable lake management, especially when governmental agencies face sharp budget cuts and unpredictable futures. I applaud many fellow Region 2 members for their increased effort in encouraging their family and friends to participate in activities such as boat steward programs for AIS prevention, parades and summer picnics organized by local lake associations. Citizen science projects such as NALMS’ Secchi Dip-In and Citizens Statewide Lake Assessment Program (CSLAP) organized by the New York State Federation of Lake Associations (NYSFOLA) and the New York State Department of Environmental Conservation (NYSDEC) are expected to play greater roles in maintaining basic water quality data for many water bodies. The great news is that NYSFOLA, NYSDEC, and NALMS are working together to find a way to share CSLAP data with the Secchi Dip-In database, which ultimately is shared with USEPA. Please stay tuned for further updates.

We welcome the New Jersey Coalition of Lake Associations (NJCOLA) back to NALMS as an Affiliate. NJCOLA has been very active while their website has been under construction. It is comprised of sixty (60) large and small lakes situated within the northern region of the State of New Jersey. NJCOLA convenes quarterly at Lake Mohawk, Sparta Township. The Mission of NJCOLA is to protect and improve the water quality and recreational heritage of New Jersey’s lakes through education including technical presentations by recognized experts in the field, exchange of information and experiences, community dialogue, and collaborative efforts. NJCOLA is currently preparing for meetings in September and November 2017, and targeting dissemination of information including the release of
News From Region 5

Eugene Braig, Region 5 Director | braig.1@osu.edu

The annual NALMS international symposium comes to Ohio in 2018! And the fact that I spearheaded the proposal to make that happen was the greatest deciding factor in my pursuit of a position on the NALMS governing board.

But first, a bit about Banff, Alberta. I was fortunate to enjoy an excellent program when NALMS held their annual symposium in Banff National Park, November 2016. Founded in 1865, Banff is Canada’s oldest national park and—nestled in the rugged, relatively young (considering a geologic scale) mountains of the Canadian Rockies; punctuated with occasional gorgeous alpine lakes; seasonally tinted by the rich aquamarine of rock flour in glacial meltwater—is home to some of the most lushly scenic landscape that North America (perhaps the world) can muster. Absorbing that landscape (and knowing we’d be spending our 2017 symposium in the Colorado Rockies) made me feel just a little self-conscious about dragging our membership to Cincinnati, Ohio.

Cincinnati actually has quite a bit to offer. Longfellow’s “Queen of the West”—situated on the Ohio River and a functional hub between the eastern United States, upper Great Lakes region, and Midwest—Cincinnati is within an hour’s flight or a day’s drive of more than 60% of the United States’ population: i.e., it’s easy to get to. The city features a compact, riverfront downtown, putting any potential need within easy walking distance. The Duke Energy Center’s exhibit and meeting spaces are fully modernized and quite nice.

Lodging for the conference will be provided by the Hilton Netherland Plaza. Historic Hotels of America (an unaffiliated national trust) describes the Hilton as “a true French Art Deco hotel masterpiece. Opened in 1931, the landmark hotel... was an integral part of the first multi-use complex in the United States. Described as a ‘city within a city...’ Today, the hotel is [Cincinnati’s] crown jewel. The... main lobby and mezzanine areas feature a half acre [!] of rare Brazilian rosewood [harvested, of course, before the timber actually was that rare], extensive use of German silver, and a stylized Egyptian decor reinforced with delicate floral motifs. There are also exquisitely detailed frescoes, ceiling murals, an original Rookwood fountain with a pair of matching seahorses,” etc. The site is truly remarkable in being built during the depths of the Depression. The Emery family liquidated substantial assets to fund the project just before the stock market crash of 1929. With financing secured, they were one of the only substantial, active employers in the region of that era.

Historically expansive and shallow, the Ohio River was impounded in service to navigation and commerce. Its major pools now function as a series of lake-like reservoirs with depths averaging 5 m, but exceeding 50 m at its deepest. The USEPA has a few interesting, water-research facilities in and near the city (www.epa.gov/clusters-program/facilities), and just across the river in northern Kentucky, Thomas More College has a fantastic and historic biological field station (www.thomasmore.edu/fieldstation/). We’ll do our best to incorporate these facilities into outings for the symposium.

The Ohio Lake Management Society (olms.org), a division of the Water Management Association of Ohio (wmao.org), is collaborating with the Indiana Lakes Management Society (ILMS: www.indianalakes.org) to bring NALMS to Ohio in 2018. If you’d like to get active in the conference-planning effort, please contact me; I’ll happily put you in touch with our local committee (including, conveniently enough, me), its chair (Dr. David Culver, Ohio State University, Prof. Emerit.), and Sara Peel, ILMS. I look forward to seeing you in 2018 if not in Colorado before!
News From Region 1

... Continued from page 6.

a new and improved website in October for the benefit of current members and to encourage additional active membership. Pending release of the new website, contact can be made through Ernest Hofer, President of NJCOLA, at ewhofer@embarqmail.com.

If you are an advanced high school student or a college student with experience in aquatic biology/ecology/limnology, NALMS Student Video Contest (www.nalms.org/student-video-series/) is a great opportunity to share your knowledge with the public. Congrats to three Region 2 student members, Leah Gorman, Alexa Tumbarello and Sonja Wixom, for their winning videos posted on the NALMS web page above and the official NALMS channel on YouTube. If you are a high school or college science/communication/journalism educator? Please consider incorporating the contest as an experiential and service learning project in your course. Video evaluation rubrics are posted online, and my students have had productive peer review sessions of their draft videos in class. ♦

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You shop on Amazon right? Well now you can help NALMS at the same time with AmazonSmile. When you shop at smile.amazon.com you still get all the same low prices and wide selection you’ve come to expect from Amazon. Only now 0.5% of your purchase price can go to NALMS. The average online order these days hovers around $70. So on average about 35¢ per order could come to NALMS to enhance our programs and further our mission. That may not sound like much but every penny can make a difference. And when you add those pennies up, say, over 1,000 NALMS supporters making two purchases a year, the total comes to $700. Not too shabby. Now imagine those 1,000 supporters got a couple of friends to join in as well. Now we’re rolling at $2,100. You can help us get going by getting set-up today – here’s how:

2. Log into your account or create a new one.
3. Look up and select “North American Lake Management Society” when prompted.
4. Shop until you drop.
5. And don’t forget to tell your friends and family!

Household rain barrels were illegal in Colorado until a law was passed in 2016 legalizing them.

Do you have an item you’d like to see in NALMS Notes?

Send it to us by the 15th of February, April, June, August, October and December for consideration in the next issue of NALMS Notes.
Conferences & Events

➤ 30th Annual Washington Lake Protection Association Conference
October 11–13 • Spokane, Washington
☞ www.walpa.org

➤ 32nd Annual California Lake Management Society Conference
October 12–13 • Big Bear Lake, California
☞ www.california-lakes.org

➤ 2017 Oregon Lakes Association Conference
October 20–21 • Florence, Oregon
☞ oregonlakes.org

NALMS Affiliate Organizations

Do You Have a Conference or Workshop You’d Like to See Listed in NALMS Notes?

Email the details to us at NALMSNotes@nalms.org.

The 32nd Annual CALMS Conference
“KEEP OUT! If you’re invasive, you’re not welcome!”
October 12–13, 2017
Big Bear Lake, California
☞ www.california-lakes.org

October 11: Workshops
Two free and optional training workshops are available to those arriving a day prior to the conference.

   Morning session: WIT Level 1 Quagga/Zebra Mussel Inspection Training Workshop
   Afternoon session: Mercury Control Program for Reservoirs, Owner/Operator Workshop

October 12: Conference
The all-day conference, CALMS business meeting, and evening mixer/dinner will be held at Nottinghams in Big Bear, California.

October 13: Field Trip
The field trip will be a ½-day tour of Big Bear Lake and its facilities. There will be a boat tour around the lake as well as a tour of their Mussel Decontamination Station. Discussions on the current lake management strategies will be held and lunch will be provided.

Upcoming Workshops and Courses on Harmful Algal Blooms (HABs)

Introduction to Remote Sensing of Harmful Algal Blooms
September 5, 12, 19, and 26 • Webinar
☞ arset.gsfc.nasa.gov/water/webinars/HABs17

Cyanobacteria Identification Workshop
September 8 • Frederick, Maryland
☞ ccws.hood.edu/events/cyanobacteria-identification-workshop-2/

Technical Workshops 9th Symposium on Harmful Algae in the US
November 11–12 • Baltimore, Maryland
☞ www.9thushab.com/workshops/

Algal Identification for Water Professionals
December 5–7 • Fairfax Virginia
☞ cos.gmu.edu/perec/professional-training-courses/algal-identification-for-water-professionals/

Consider a Donation to NALMS

You can donate at any time to the funds below by simply visiting the donation page on the NALMS website at http://tinyurl.com/qzm36dw.

Eberhardt Memorial Student Fund
The Eberhardt Memorial Student Fund supports travel grants for student presenters to attend the Annual Symposium.

G. Dennis Cooke Symposium Fund
The G. Dennis Cooke Symposium Fund supports NALMS’ effort to facilitate the exchange of information on managing lakes and watersheds.

Lake Givers Club
Contributions to the Lake Givers Club support NALMS’ educational publications, programs and operations.

Secchi Dip-In
Contributions support the operations of the Secchi Dip-In citizen science program.
Plan Now for NALMS in Colorado

We are only 2 months away from NALMS’ 37th International Symposium in Westminster, Colorado. Now is the time register, book your hotel and flight, and most important plan to stay a day or two extra to enjoy the Colorado Rockies.

Besides the great sessions, speakers, receptions, and exhibitors, there are a few unique items that you definitely want to check out. For the workshops, we have the nature photography workshop lead by John Fielder, and a new aeration/oxygenation lake management workshop that includes a field trip to a local reservoir. The special events this year include a steal of a deal for a three-hour brewery tour to Denver or Boulder and the first ever Euchre Tournament. For $25, the brewery tour includes a plush bus ride to three local breweries and a beer at each stop. The Euchre Tournament is for any skill level. For $5, you will learn the game, see what the old timers have been doing all these years in the hospitality room, and possible come away with a new skill set.

One of the great things about the NALMS Symposium is that you travel to a new area and learn about the local area and lakes. There are several great field trips planned the day before and the day after the Symposium. You can take a field trip to see In-Situ and Ott’s manufacturing facilities, you can tour local national laboratories like NOAA, USGS Ice Core Lab, and NREL (National Renewal Energy Laboratory). There are field trips to see Dillon Reservoir up past the Continental Divide, Bear Creek Reservoir (a flood control reservoir where you can go down into the actual dam structure), and stop by Barr Lake State Park for lunch before you get shuttled to the airport on Friday.

Take advantage of all these great opportunities to network, meet exhibitors, and learn about local lakes and reservoirs in Colorado. Sign up now before the Early Bird registration ends, which is September 15.

Please note that our schedule this year is shifted one day from our typical symposium schedule. Technical sessions start on Tuesday, not on Wednesday!

Agenda at a Glance

**Sunday, November 5**
NALMS Board of Directors Meeting

**Monday, November 6**
Workshops
Field Trips
NALMS New Member Reception
Brewery Tours

**Tuesday, November 7**
Opening Plenary Session
Technical and Poster Sessions
Exhibits Open
NALMS Membership Meeting
Exhibitors’ Reception

**Wednesday, November 8**
Clean Lakes Classic
Technical and Poster Sessions
Exhibits Open
Awards Reception and Banquet

**Thursday, November 9**
Technical Sessions
Exhibits Open

**Friday, November 10**
Field Trips
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Workshops
All workshops will be held on Monday, November 6.

• Alum for Phosphorus Control in Lakes and Ponds
• Collection, Identification, Ecology and Control of Freshwater Algae
• Do-It-Yourself Lake, Shoreline, & Watershed Mapping: Telling Stories with Online Maps
• Do-It-Yourself Lake, Shoreline, & Watershed Mapping: Collecting Field Data with Smartphones
• Internal Phosphorus Loading
• John Fielder Photography Workshop
• Real Time Test Systems for Cyanotoxins
• The Role of Aeration/Oxygenation in Lake and Reservoir Management

Field Trips

Monday, November 6
• National Renewable Energy Laboratory (NREL) Tour
• USGS Ice Core Lab Tour
• Tools for Water Quality Monitoring or Sondes and Suds
• Bear Creek Reservoir Tour
• National Oceanic and Atmospheric Administration Tour

Friday, November 10
• Maintaining Water Quality in a High-Altitude Reservoir
• Barr Lake Tour and BBQ

Colorado contains 75% of the land area of the U.S. with an altitude over 10,000 feet.

Visit the Symposium Website @ www.nalms.org/nalms2017
HABs, Beach Closures and/or Health Advisories, July 2017

Source: July 2017 EPA Freshwater HABs Newsletter
致癌物epa.gov/nutrient-policy-data/cyanohabs-newsletters-2017

California: Iron Gate Reservoir, Lake Britton, Lake Temescal, Quarry Lakes Silverwood Lake, Castaic Lake

Florida: Doctor’s Lake, Lake Okeechobee

Indiana: Cecil; M. Hardin Lake, Brookville Lake, Monroe Lake, Starve Hollow Lake, Hardy Lake, Deam Lake, Mississinewa Lake, Salamonie Lake, Sand Lake, Worster Lake, Whitewater Lake

Idaho: Little Camas Reservoir, Black Lake

Iowa: Black Hawk Beach, Nine Eagles Beach, Lake of Three Fires Beach, Green Valley Beach, Clear Lake, McIntosh Woods Beach, Lake Darling Beach, Lake Anita Beach, Denison Beach (for the presence of MCs)

Kansas: Overbrook City Lake, Sam’s Pond, Webster Lake, Marion County Lake, Marion Reservoir, Milford Reservoir (all Zones), Geary, Wolf Pond, Lovells Pond – Barnstable

Maryland: Lake Needwood, Lake Frank

Massachusetts: Mystic River at Blessing of the Bay Boathouse, Lovells Pond, Savery Pond, Lake Siog, Tully Lake, Upper Mystic Lake, West Monponsett Pond

Nebraska: Kirkman’s Cove Lake, Swan Creek Lake

New Hampshire: Pelham Town Beach, Long Pond, Silver Lake, Lake Monomonac


North Dakota: Crimmins WPA Lake, Bowman-Haley Reservoir, Lake Tschica, Patterson Lake, Channel A -Devis Lake

Ohio: Grand Lake St. Marys, Buckeye Lake - Crystal Beach and Fairfield, Kiser Lake

Oklahoma: Fly Creek, off the Horse Creek Arm of Grand Lake

Oregon: South Umpqua River - Permanent Advisory, Areas of lake Billy Chinook, Drews Reservoir

Rhode Island: Melville Pond

Utah: Utah Lake

Washington: Lone Lake, Rufus Woods Lake, Anderson Lake, Lind Coulee, Spanaway Lake, Waughop Lake

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Find the Secchi Dip-In Online
Website • Facebook • Twitter
Lake News & Information

Work to keep Lake Tahoe’s clarity paying off
Source: SouthTahoeNOW.com

Lake Winona restoration underway
Source: Winona Post (Minnesota)
http://www.winonapost.com/Article/ArticleID/55473/Lake-Winona-restoration-underway

Treatment Trains, Manure Management helping Grand Lake St. Marys
Source: Your Hometown Lima Stations (Ohio)

Algae bloom growing near Port Mayaca; Phosphorus-rich runoff from St. Lucie basin feeding algal bloom near Port Mayaca
Source: The Okeechobee News (Florida)
http://okeechobeenews.net/lake-okeechobee/algae-bloom-growing-near-port-mayaca/

Toxin closes Gibbs Lake
Source: ptleader.com (Washington)

‘It’s depressing’: How blue green algae is taking over Alberta’s lakes
Source: CBC News

Dangerous toxic algae levels put Edina lake off limits to people, pets
Source: Star Tribune (Minnesota)

Blue-Green Algae Conditions Improve on Some Central Wisconsin Lakes
Source: Wisconsin Public Radio
http://www.wpr.org/blue-green-algae-conditions-improve-some-central-wisconsin-lakes

Veterans Park Lagoon ski event canceled due to high levels of toxic algae
Source: WISN-TV (Wisconsin)
http://www.wisn.com/article/veterans-park-lagoon-ski-event-canceled-due-to-high-levels-of-toxic-algae/12026138

Lake Photo of the Month
by Brian Ginn.

Brian posted this photo of Lake Simcoe, Ontario to Twitter (@limno_brian) during Lakes Appreciation Month. He submitted a Secchi depth of 9.1 m to the Secchi Dip-In via the Lake Observer app. Brian’s Twitter feed is full of limnology photos. Check it out!
Register Now for NALMS 2017!

Westin Westminster • Westminster, Colorado
November 6–9, 2017

www.nalms.org/nalms2017

Photo: John Fielder