



Lake Anasagunticook Association
Board of Directors Meeting Agenda
December 9, 2024

Call to Order 5:04pm

In attendance: Wes Barry, Diane Ray, Katie Kirwan, Robert Bihlmeyer, Suzanne Henderson, Biff Atwater, Jeff Stern, Mike McCluskey and Lucille Cacciatore

Approval of September 8 meeting minutes submitted by Lucille Cacciatore, motion by Jeff Stern seconded by Rob Bihlmeyer. Motion passed.

Treasurers report submitted by Diane Ray. Motion to approve Treasures Report by Mike McCluskey seconded by Biff Atwater. Motion Passed.

Erosion Control

- Life expectancy for the water shed survey is 5-10 years. Ours was done in 2019 therefore older than 5 years.
- The lake association has another option for a grant. Lake Stewards of Maine has a grant that helps lake associations pay for surveys.
- Jeff will meet with the Hartford Select Board to discuss their plans for watershed in the Town of Harford.
- Wes will reach out to the banks and the people that donated money to let them know what is going on with the funds they have donated.
- Discussion to rename the “water quality monitoring fund” to “water quality fund” since we have already purchased the quality monitoring equipment.
- Proposal to change the name of the fund pending the approval of the membership. Possible digital vote.

Membership

- Review and revise the current brochure 12/21 3pm.
- Invite business members at \$50 per business. Motion by Diane Ray and seconded by Katie Kirwan. Motion passed.

Water Monitoring

- The new meter is working great. Wes wanted us to know that he has already used it a few times.

Communications

- The Harford News and Hartford Happenings. Wes will reach out to see if Hartford news can include Lake Anasagunticook.

Test Website

- Thoughts on the new website created by Wes. Everyone seems to like it and feels it's very streamlined.

Volunteers

- Anyone with ideas about any programs are encouraged to share. Possible monitoring boats as they are launched. Graphic design, more lake photos.

Bylaws

- Planned meeting in January.

LakeSmart

- Diane is working with residents to line up potential inspections.

Lake Days

- Katie Kirwan asked about the start time of Lake Days and is alcohol permitted.
- Diane shared that the town has a license for events. Alcohol (Beer & Wine) is provided by third party.

Old Business

- Boat Launch dock was denied for now.
- Draw down schedule will not be changed.

Partnership with nearby lakes and ponds

- Reach out to get ideas from other resources to get ideas and discuss partnerships with other lakes and ponds.

Grants

- Looking for ideas for other grants and funds to help the watershed.

Motions to adjourn by Robert Bihlmeyer, second by Mike McCluskey Motion passed.

Respectfully submitted by Lucille Cacciatore

Lake Anasagunticook Association Business Membership Proposal

This proposal is to create a new level of membership for the Lake Anasagunticook Association (LAA) to be called *Business Members*.

Business Members are to be non-voting members of any interested business entity (corporation, LLC, non-profit, sole proprietorship, etc.). LAA reserves the right to deny membership to any business entity that does not share our mission.

Business membership will be \$25 per year and will receive the following benefits:

- Logo on LAA website homepage with link to their website/homepage.
- Ability to include brochures or business cards at LAA membership tables (provided allowed or not restricted by the event host).
- Ability to setup a table at Lake Days to sell or promote merchandise or services.

Membership can be paid online (credit card or debit card) using Zeffy or by check.

Business membership will be promoted on Facebook, LAA website, Zeffy, Emails and Newsletters.

From: Jacimaria Batista <jaci.batista@unlv.edu>
Date: Thursday, November 21, 2024 at 10:49 PM
To: theringnebula@icloud.com <theringnebula@icloud.com>
Subject: Perchlorate results

Dear Volunteer Collaborator:

Thank you very much for participating in the July 2024 sampling for perchlorate in lakes that use fireworks.

Attached please find a summary of the results and the results for your specific lake. If the location was not clear in the chain of custody, then we placed a question mark on it. If you could clarify to us, that would be great.

Thanks again for your participation.

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Jacimaria R. Batista, Ph.D., PE.

Professor, Department of Civil and Environmental Engineering and Construction

University of Nevada, Las Vegas

4505 S. Maryland Parkway, Las Vegas, Nevada, 89154-4015

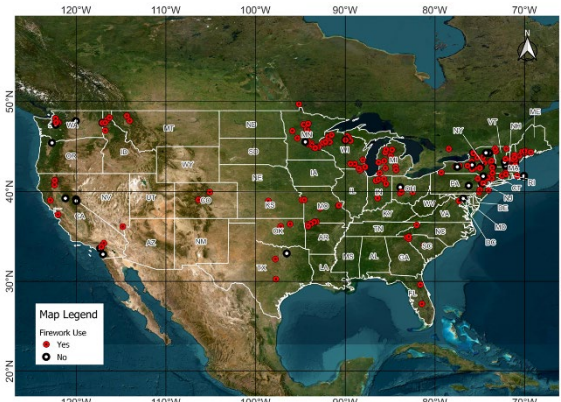
phone: 702-895-1585, Fax: 702-895-3936, E-mail:Jaci.batista@unlv.edu

Quantification and Modeling of Perchlorate Impacts from Fireworks on Drinking Water Sources

EPA Grant # R840554

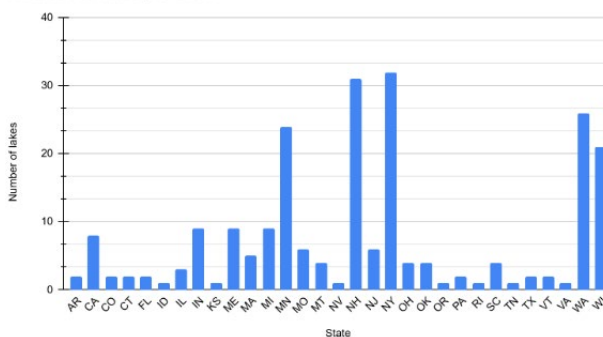
Lake Sampling Results for July 2024

In total, 262 citizens volunteered to take samples in 226 US lakes, located within 31 states in the United States. Fireworks is used in 85% of the lakes (map location below).



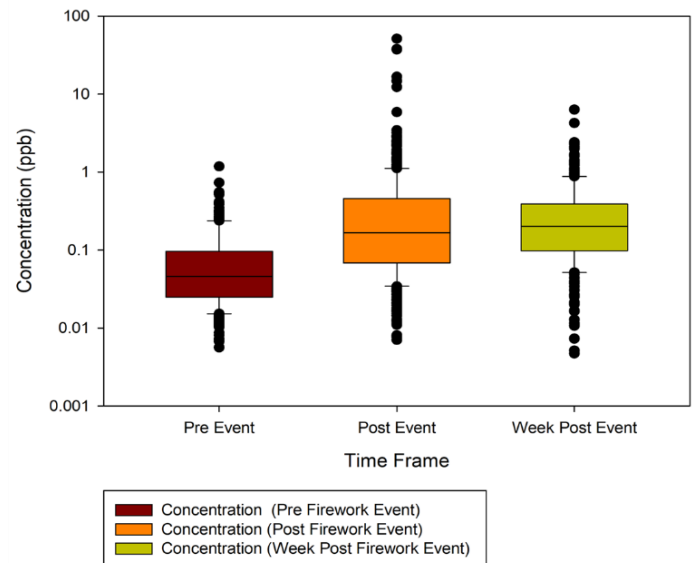
Lakes were sampled before, after, and one week after fireworks. Samples were analyzed by Texas Tech using a Dionex Integrion Ion chromatograph couples with a MS SCIEX-Triple Quad-3500. The sensitivity of the analytical method is 0.05 parts per billion (ppb).

Number of lakes per state



A total of 1059 samples were analyzed and only 85 of them had perchlorate concentrations > 1 ppb. The Box Plot below, obtained using the entire data, reveals that the vast majority of the samples taken before the fireworks had very low levels of perchlorate < 1 ppb with mean concentrations below 0.1 ppb.

After the fireworks, the mean concentration increased to above 0.1 ppb with some higher concentrations (between 1-100 ppb) found for 11.42% of the samples taken after fireworks. After one week, the mean concentration stayed below 1 ppb and the higher concentrations decreased to 1-10 ppb range, showing the impact of mixing and/or abatement on perchlorate levels in the lakes.



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