

# Lake Auburn Watershed Protection Commission

[www.lakeauburnwater.org](http://www.lakeauburnwater.org)

Wednesday, April 13, 2022 at 3:30 pm – 5:30pm AVCOG, 125 Manley Road, Auburn, Maine

## **AGENDA**

1. Recognition of new members
2. Minutes
  - a. February 09, 2021 regular meeting
3. Consent Agenda
  - a. Financial Quarterly Update and Audit Report
  - b. Water Quality & Watershed Update
  - c. Education and Outreach
4. Public Comment
5. Staff Report – Mike Broadbent
6. Old Business
  - a. Proposed Septic Ordinance
7. New Business
  - a. Discussion of Officers/LAWPC Appointments
    - i. Discussion of Chair and Vice Chair
    - ii. Discussion of Interim Clerk(s)
    - iii. Possible Executive Session pursuant to Maine 1 M.S.R.A. §405 6(a)
  - b. Authorization of Chair to seek and hire legal counsel to respond to Demand Letter dated March 31, 2021
  - c. Authorization of Chair to call special meetings
  - d. Response to Letter of Demand dated March 31, 2022
    - i. Authorization of Secretary to respond to Letter of Demand
  - e. Discussion of funding an updated Watershed Management Plan
  - f. Discussion of Timber Harvest Notice to LAWPC Commissioners Policy
8. Adjournment

### FUTURE REGULAR MEETING SCHEDULE:

April 13, 2022

June 8, 2022

September 14, 2022

November 9, 2022

December 7, 2022 (if needed )

### Water Quality Report

1. Ice-off is getting close as of 4/5, likely will be out by meeting date of 4/13.
2. The average turbidity for the month of March was 0.43 NTU.
3. Please see attached temperature and turbidity graphs for reference.
4. Fecal datasheets will be provided before the meeting.

### Watershed Report

1. Lake Study proposed septic ordinance changes brought to Planning Board on 4/12. Next step TBD as of this meeting. The City of Auburn held two community meetings on the proposed changes; 2/16 & 3/2.
2. Lake Study proposed watershed boundary changes- second reading passed at City Council on 3/21.
3. LD 1884, *An Act to Create Affordable Agricultural Homesteads*, did not pass the legislature on 4/5. The amended bill sought to prohibit income requirements as a condition for residential construction in any zone. Currently, Auburn's Ag Zone has a requirement that 30% of the household income must come from farming in order for residential construction to occur. Most of the watershed in Auburn is in the Ag Zone. This bill was sponsored by Representative Bickford of Auburn.
4. The Lake Auburn Watershed Management Plan was last updated in 2010, and is due to be updated once again. CDM Smith, the consultant that prepared the extensive Diagnostic Studies of Lake Auburn, is available to provide this service, and has the background data on the lake and watershed from previous reports. The same staff at CDM Smith who worked on those reports would work on the watershed management plan and a BMP implementation plan. Erica is seeking approval from the board to use the sinking fund to pay for both plans. She has applied for matching grants for each report as well.
5. Courtesy boat inspections will begin again on Memorial Day weekend at the Route 4 boat launch.

### Education and Outreach Report

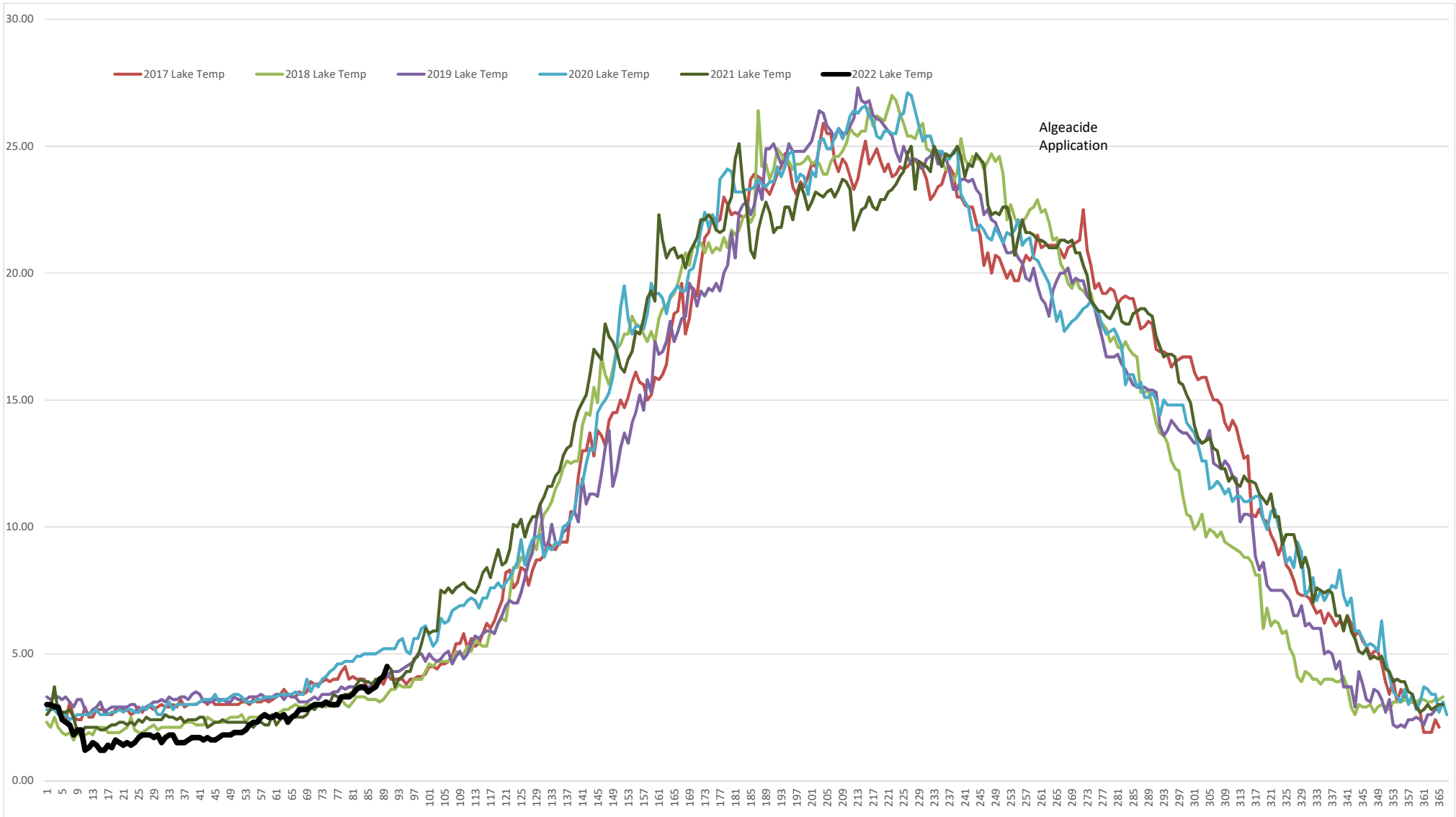
- February 8<sup>th</sup> we hosted a Zoom presentation by the Center for Wildlife (CFW) on connections between Water and Wildlife. CFW discussed different native animals in our area such as salamanders, turtles, owls, and invertebrates, how they are indicators for clean water, how water quality affects them, and the importance of biodiversity in vernal pools for healthy watersheds. Since the presentation was online CFW was able to show their live Maine native animals in their rehabilitation center which was very exciting and engaging for participants.
- On February 16<sup>th</sup> the Auburn Middle School - Special and Alternative Education program had an outdoor fieldtrip at Salmon Point. They completed a Winter Nature Scavenger Hunt and learned about animal tracks, different pine trees, drinking water and more. They visited Salmon Point in the fall and are planning on visiting again in the spring. This type of place-based learning is very engaging and is an easy way for students to learn from and learn about their environment.

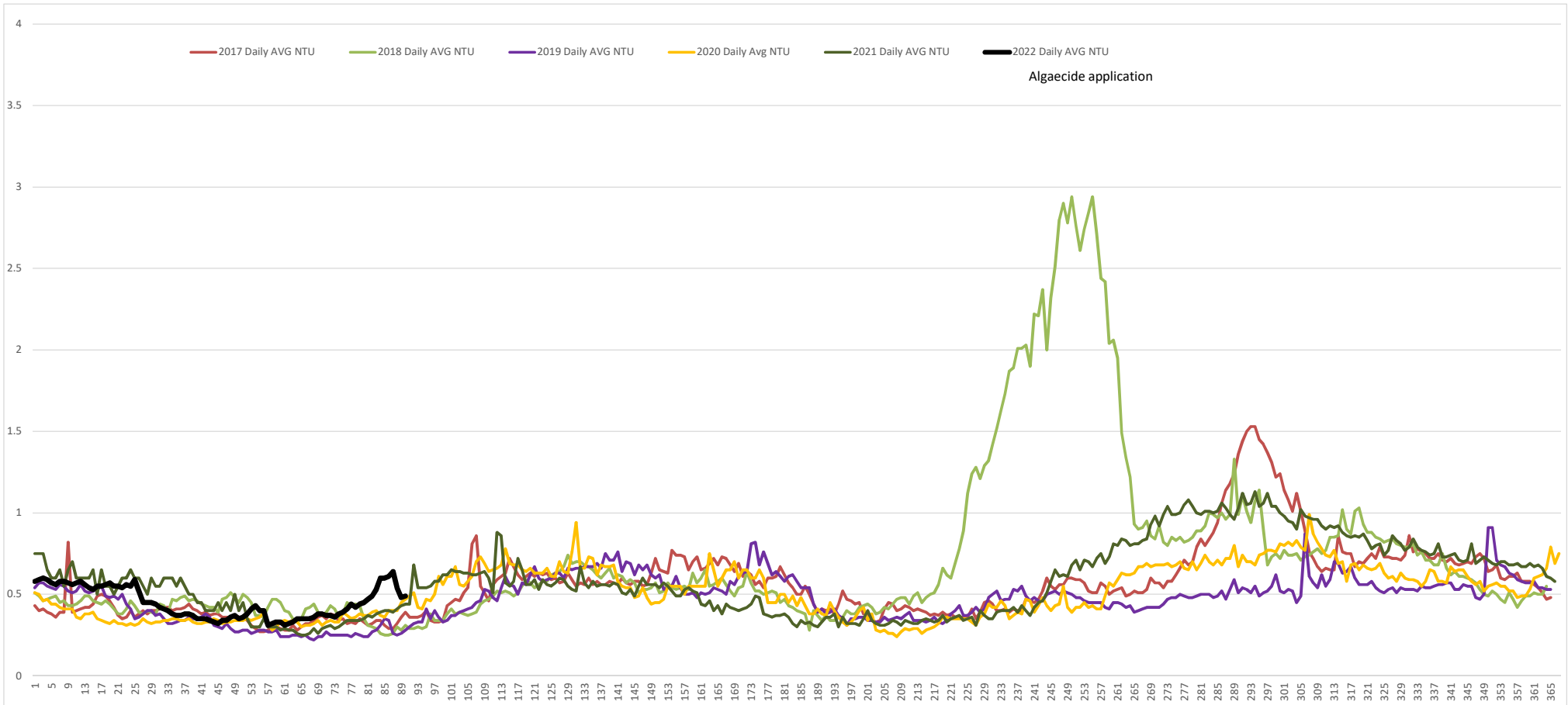
- February 17<sup>th</sup> the Androscoggin Valley Educational Collaborative (AVEC) Math/Science program had a fieldtrip in the watershed led by USDA Wildlife Biologist Ben Nugent. They snowshoed outside while learning about native and non-native trees, wildlife, deer beds, foraging, and more.
- March 1<sup>st</sup> we held a Winter Tree ID and Nature Walk at Salmon Point. We had participants come from up the road in Auburn to all the way from Bath, Biddeford, and Woodstock. We observed different barks, buds, and needles and learned how to identify key characteristics of a tree before jumping to actually identify it.
- On March 26<sup>th</sup> we held a second Tree ID and Nature walk with Androscoggin Land Trust. There were over 15 participants who learned about native trees, invasive species, the history of Lake Auburn, and more. Increased knowledge and care for these areas and the lake, are the goals for these events. Many people expressed that was their first time going to Salmon Point trail or even Lake Auburn, and that they are going to come back.
- On March 20<sup>th</sup> we co-sponsored a Public Skate at the Norway Savings Bank Arena with Lake Stewards of Maine. This was a tabling event that got new members of the public to learn about their drinking water through pamphlets, conversation, a mix-and-match game, and signing up for our newsletter. The Norway Savings Bank Arena and Auburn Recreation donated half of their ticket costs to Lake Stewards of Maine, raising \$300 for them.

Ongoing projects have been website, social media, and trail updates. Another ongoing project is building the June Soil Talk Series with Androscoggin Soil and Water Conservation District. This is a series of presentations and workshops with the overarching goal to: Educate the public that soil and water quality are deeply connected and to show different ways that individuals can play an active role in protecting both. Another ongoing project has been setting dates to finish building the Salmon Point Trail, and setting goals for the Outdoor Education Center near Auburn Tot Lot. There has been ongoing contact with local organizations for more events in 2022.

#### Upcoming events:

- April 20<sup>th</sup>: Birdwatching Fieldtrip with Stanton Bird Club
- April 23<sup>rd</sup>: Trail Day at Salmon Point
- April 30<sup>th</sup>: Vernal Pool Nature Walk with Androscoggin Land Trust
- June 9<sup>th</sup>: Wild Seed Project – Rewilding in 10 Steps
- June 11<sup>th</sup>: Soil Field Trip with District Conservationist
- July 20<sup>th</sup>: Where Does Your Water Come From? with Auburn Public Library
- Field trips with McMahan Elementary





Feb-  
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INLINE

Collected			Temp	Turbidity		Ph	Amount	FECAL	QUANTITRAY		Fecal
DATE	TIME	BY	*C	1720E	TU5200	230 A	Sample	BACTERIA	TOTAL	E.COLI	Confirmation
2/1	0300	DAF	1.7	0.40	0.45	7.25	100	0			
2/2	0310	DAF	1.8	0.45	0.50	7.22	100	0			
2/3	0315	DAF	1.8	0.40	0.40	7.20	100	0			
2/4	0820	LRB	1.5	0.35	0.35	7.22	100	0			
2/5	0750	LRB	1.5	0.35	0.35	7.26	100	0			
2/6	0820	LRB	1.5	0.35	0.30	7.18	100	0			
2/7	0310	DAF	1.6	0.35	0.45	7.22	100	0	1	<1	
2/8	0820	LRB	1.7	0.35	0.40	7.21	100	0			
2/9	0250	DAF	1.7	0.35	0.40	7.20	100	0			
2/10	0310	DAF	1.7	0.35	0.35	7.24	100	0			
2/11	0315	DAF	1.6	0.35	0.35	7.20	100	0			
2/12	0620	DAF	1.7	0.35	0.35	7.26	100	0			
2/13	0610	DAF	1.6	0.30	0.30	7.29	100	0			
2/14	0515	DAF	1.6	0.30	0.40	7.22	100	0	<1	<1	
2/15	0315	DAF	1.7	0.30	0.35	7.20	100	0			
2/16	0240	DAF	1.8	0.35	0.40	7.17	100	0			
2/17	0300	DAF	1.8	0.35	0.40	7.22	100	0			
2/18	0315	DAF	1.8	0.35	0.35	7.28	100	0			
2/19	0930	LRB	1.9	0.30	0.30	7.22	100	0			
2/20	0800	LRB	1.9	0.30	0.30	7.18	100	0			
2/21	0645	DAF	1.9	0.30	0.30	7.20	100	0	1	<1	
2/22	0255	DAF	2.0	0.30	0.40	7.24	100	0			
2/23	0300	DAF	2.2	0.30	0.40	7.26	100	0			
2/24	0310	DAF	2.3	0.30	0.35	7.20	100	0			
2/25	0315	DAF	2.3	0.30	0.35	7.24	100	0			
2/26	0420	DAF	2.5	0.30	0.35	7.29	100	0			
2/27	0545	DAF	2.6	0.30	0.35	7.27	100	0			
2/28	0300	DAF	2.5	0.30	0.30	7.21	100	0	1	<1	
			1.9	0.33	0.37	7.23		0			

Mar-  
22

INLINE

Collected			Temp	Turbidity		Ph	Amount Sample	QUANTITRAY			Fecal
DATE	TIME	BY	*C	1720E	TU5200	230 A		BACTERIA	TOTAL	E.COLI	Confirmation
3/1	0250	DAF	2.5	0.30	0.30	7.22	100	0			
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3/4	0330	DAF	2.6	0.30	0.35	7.20	100	0			
3/5	0820	LRB	2.3	0.35	0.35	7.11	100	0			
3/6	0815	LRB	2.5	0.35	0.35	7.21	100	0			
3/7	0300	DAF	2.6	0.35	0.30	7.26	100	0	1	<1	
3/8	0615	DAF	2.8	0.35	0.35	7.20	100	0			
3/9	0250	DAF	2.8	0.35	0.35	7.21	100	0			
3/10	0300	DAF	2.8	0.40	0.35	7.26	100	0			
3/11	0450	DAF	2.9	0.35	0.35	7.22	100	0			
3/12	0545	DAF	3.0	0.35	0.35	7.19	100	0			
3/13	0615	DAF	3.0	0.35	0.35	7.15	100	0			
3/14	0255	DAF	3.0	0.30	0.30	7.13	100	0	<1	<1	
3/15	0305	DAF	3.1	0.35	0.35	7.27	100	0			
3/16	0330	DAF	3.0	0.40	0.40	7.29	100	0			
3/17	0310	DAF	3.0	0.40	0.35	7.27	100	0			
3/18	0430	DAF	3.0	0.40	0.40	7.31	100	0			
3/19	0755	LRB	3.3	0.40	0.40	7.15	100	0			
3/20	0750	LRB	3.3	0.40	0.45	7.17	100	0			
3/21	0300	DAF	3.3	0.40	0.40	7.27	100	0	2	<1	
3/22	0300	DAF	3.4	0.45	0.40	7.26	100	0			
3/23	0300	DAF	3.6	0.40	0.40	7.28	100	0			
3/24	0255	DAF	3.7	0.45	0.40	7.28	100	0			
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3/27	0550	DAF	3.6	0.55	0.55	7.29	100	0			
3/28	0300	DAF	3.7	0.50	0.50	7.25	100	0	4.1	<1	
3/29	0300	DAF	4.0	0.55	0.45	7.20	100	0			
3/30	0310	DAF	4.1	0.45	0.50	7.19	100	0			
3/31	0240	DAF	4.5	0.50	0.55	7.17	100	0			
			3.15	0.40	0.39	7.23				0.00	