



Raquette Lake Preservation Foundation

Annual Membership Meeting

July 16, 2022

Raquette Lake School



Board of Directors

Gail Morehouse, President

Pat Deyle, Vice President

Bob Rosborough, Treasurer

Marion Goethals, Secretary

Directors

Lynne Ballou-Gentry

Dick Gentry

Ken Hawks

John Merrimam

Len Schantz

Kevin Norris



Awards

Person of the year 2022

Wayne Kavanaugh

A wide-angle photograph of a serene lake scene. In the foreground, several large, smooth, grey-brown rocks are partially submerged in the water. The water is exceptionally still, acting as a perfect mirror for the sky and the surrounding landscape. In the middle ground, a small island with a dense cluster of evergreen trees sits in the water. The background features a range of rolling hills and mountains, their slopes covered in a mix of green and brown trees, suggesting an autumn setting. The sky is a clear, uniform blue, extending to the horizon. The overall atmosphere is peaceful and natural.

Secretary's Report

Meetings and Reports

- 7/24/21 Annual Meeting of the Membership
- 8/30/21 Board Meeting (minutes approved 9/29)
- 9/9/21 Special Board Meeting to review draft Lake Management Plan (minutes amended and approved 9/27)
- 11/18/21 NEWSLETTER to membership
- 12/02/21 Public Meeting to present Lake Management Plan, electronic
- 12/27/21 2022 Budget submitted, discussed, approved by Board, electronic
- 1/31/22 RLPF submits final grant report to NYS Department of Environmental Conservation!
- 2/1/2022 Lake Management Plan formally adopted
- 3/20/22 NEWSLETTER to membership
- 5/23/22 Board e-approved purchase of underwater viewer for water testing
- 6/1/22 Board meeting. In person. (minutes approved 6/15ff)
- 6/7/22 Board email discussion, approved proposal 'how to study VLM growth'
- 6/26/22 Aqualogic harvesting VLM in village area and Ranger's dock, 10 days
- 6/28/22 NEWSLETTER to membership
- 7/6/22 RLPF Aquatic Invasive Species education in village, ice-cream, 30 attendees
- 7/16/22 Annual Meeting of the RLPF Membership

RLPF Treasurer's Report

2022 Annual Meeting

July 16, 2022

RAQUETTE LAKE PRESERVATION FOUNDATION, INC.
 TREASURER'S REPORT AS OF July 1, 2022

PREPARED BY: R Rosborough

WORKING CAPITAL FUND BEGINNING BALANCE (AS OF 6/1/2022)

INCOME: DUES

INCOME: DONATIONS

INCOME: DIVIDENDS

EXPENSES:

CHK # 1089 - Char 500 Annual Fee

TOTAL EXPENSES

TOTAL WORKING CAPITAL FUND

AIS FUND BEGINNING BALANCE (AS OF 6/1/2022)

INCOME: DONATIONS

INCOME:

EXPENSES:

TOTAL EXPENSES

TOTAL AIS FUND

TOTAL CHECKING ACCT

BUSINESS CERTIFICATE BEGINNING BALANCE (AS OF 6/1/2022)

INCOME: DIVIDENDS

TOTAL CERTIFICATE OF DEPOSIT

TOTAL OF ALL FUNDS

\$81,697.98

\$30.00

\$470.00

\$25.00

\$25.00 -\$25.00

\$82,172.98

\$10,284.46

\$0.00 \$0.00

\$10,284.46

\$92,457.44

\$3,761.92

\$0.31

\$3,762.23

\$3,762.23

\$96,219.67

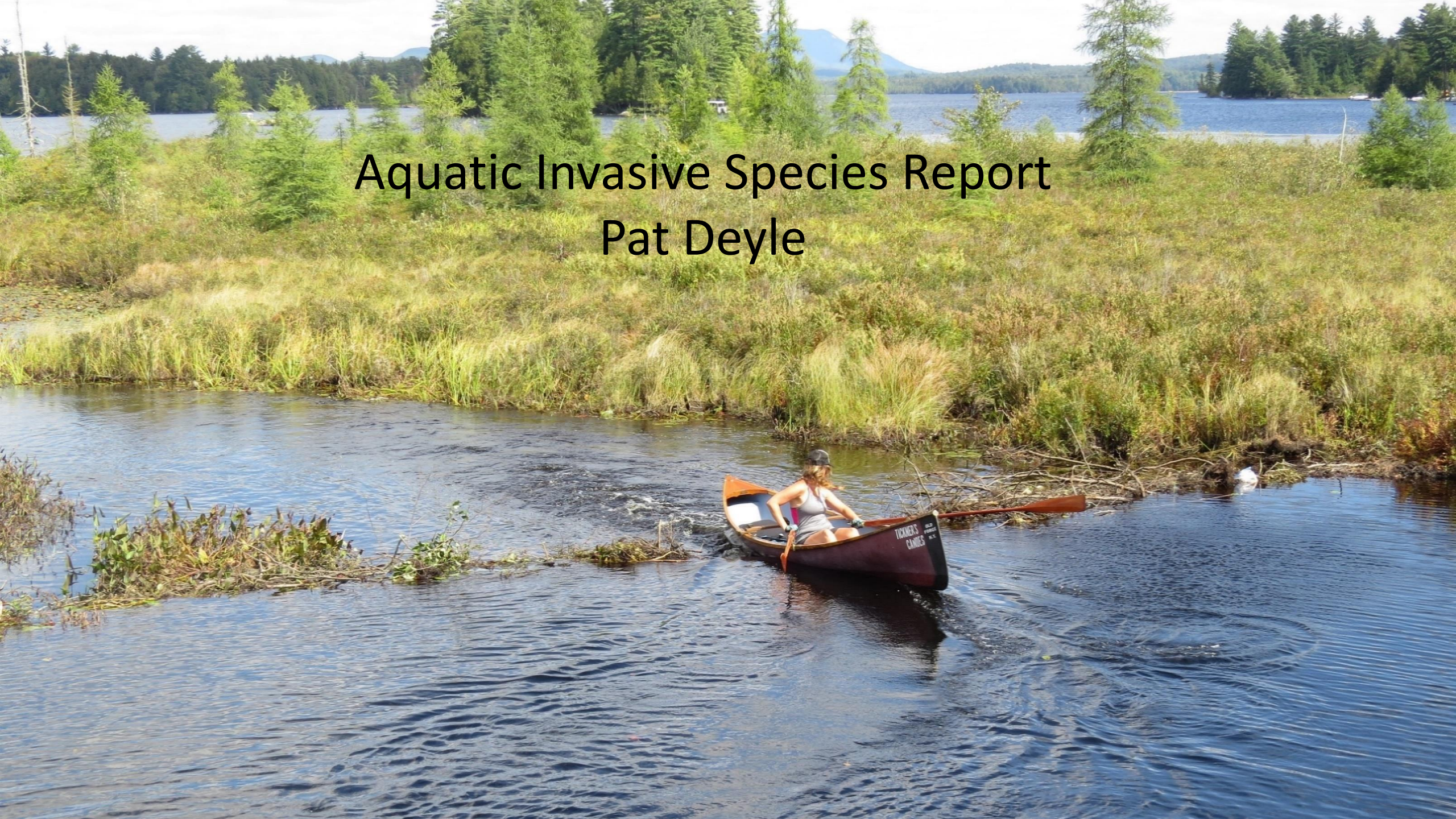
RPLF Budget YTD Income & Expenditures		2021	YTD 2022	2022
		Actual	Actual	Budget
Income	Dues and other	\$5,437	\$1,220	\$3,500
	Donations	\$22,561	\$2,860	\$15,000
	Dividends & Interest	4	\$0	\$50
	Grant Payment		\$11,195	
	AIS Fund			
	Donations	\$10,500.00	\$0	\$8,000
	TOLL Funds	\$17,000	\$0	\$10,000
	Total Income	\$55,502.00	\$15,274.90	\$36,550

Expenses	Administrative Expense	\$46.60	\$0	\$250
	Annual Meeting	\$92.40	\$0	\$200
	Awards, POY, Recognition	\$217.60	\$0	\$250
	Bank Expense	\$0	\$0	\$50
	Community Outreach	\$1,335	\$1,385	\$1,500
	Education and Research		\$0	\$10,000
	Grant Support	\$6,645	\$3,395	\$5,000
	Insurance	\$180	\$180	\$185
	Lake Testing	\$675	\$313	\$1,250
	Marketing	\$1,561.12	\$0	\$1,000
	Newsletter	\$262.06	\$0	\$300
	PO Box	\$84	\$0	\$85
	Travel/Fees	\$0	\$0	\$200
	Tax Preparation	\$1,225	\$275	\$400
	Website Hosting	\$32.87	\$0	\$0
	Equipment Investment	\$5,000.00	\$0	\$750
	AIS Fund			
	Hand Harvesting Aqualo	\$22,750	\$5,000	\$16,500
	Kayak	\$0.00	\$0	\$0
	Raffle Tickets	\$0.00	\$0	\$0
	Frontier, Steward Wi-Fi	\$0.00	\$0	\$0
	Shed Maintenance	0	\$0	\$250
	Total Expenses	\$40,106.65	\$10,548	\$38,170

	2021	YTD 2022	2022
	Actual	Actual	Budget
Community Outreach			
Adk Ctr Arts	\$100	\$100	\$100
ANCA	\$35	\$35	\$35
ADK Action	\$100	\$100	\$100
Central Adk Association	\$50	\$100	\$50
NYS FOLA	\$175	\$175	\$175
Adirondack Lake Association	\$75	\$75	\$75
RLVFD	\$150	\$150	\$150
St. Williams on Long Point	\$100	\$100	\$100
RL Library	\$50	\$50	\$50
TOLL Community Pride Day	\$100	\$100	\$100
TOLL Fire	\$75	\$75	\$75
TOLL Rescue	\$150	\$75	\$75
NFCT	\$75	\$75	\$75
RL Rescue	\$75	\$75	\$75
Adirondack Council	\$100	\$100	\$100
Total Community Outreach	\$1,335	\$1,385	\$1,335

Aquatic Invasive Species Report

Pat Deyle



RLPF 2021 VLM HARVEST

Legend

Map shows starting GPS coordinates for each day of harvest. Days 1-11 represent first harvest in summer. Days 12 - 16 represent second harvest in October. Number in parentheses represents the gallons harvested per day (multiply by 2 to get lbs).



Google Earth

400 ft



Raquette Lake

AIS intercepted: 3

Boats inspected: 862

Number of visitors: 1,803

Boats failing inspection: 5.2%

Dates of operation: May 29 – September 5

Total number of days covered: 66

Weekly coverage: 5 days

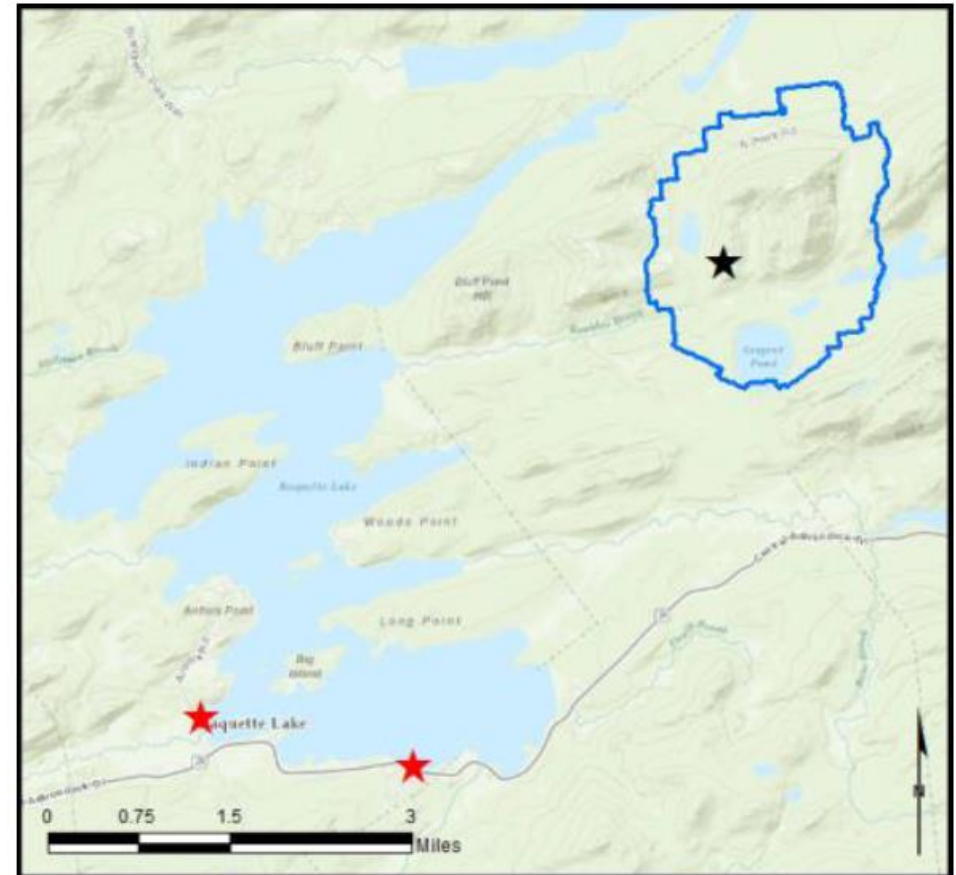
Visitors showing spread prevention awareness: 93%

Number of previously visited waterways: 34

AIS present in waterbody: variable-leaf milfoil

Stewardship history: 2008, 2011 - present

Partnership: Raquette Lake Preservation Foundation,
Raquette Lake Supply Co.



Watercraft	Boat Type										total # boats observed	total # boats inspected
	Barge	Canoe	Dock	Kayak	Motor	PWC	Row	Sail	SUP	Wind		
# boats observed	0	132	4	171	529	49	0	0	2	0	887	862
percentage of total boats	0%	15%	0.5%	19%	60%	6%	0%	0%	0.2%	0%	100%	97%

3boats observed at launch, including those not inspected. PWC=personal watercraft, SUP=stand-up paddleboard, Wind=windsurfer.

total # visitors	organisms found			total organisms	# boats dirty	# boats w/AIS	# of inspections	% of inspected boats dirty	% of inspected boats w/AIS
	entering	leaving	roadside						
1803	8	41	--	49	45	3	862	5.2%	0.3%

3boats dirty = watercraft with any organic material, invasive, non-invasive or unknown.

Visitor Responses	AIS spread prevention awareness											# groups asked
	yes	Inspect	Wash	Drain	Bait	LW	Dry	Decon	same lake	first/frozen	didn't ask	
# groups	643	359	264	332	8	68	340	28	96	90	31	693
percentage of total groups asked	93%	52%	38%	48%	1%	10%	49%	4%	14%	13%	NA	

yes = showed AIS spread prevention awareness; Drain = drained bilge; Bait = emptied bait bucket/disposed of bait; LW = drained livewell; Dry = dried boat; Decon = visited decon station; Same Lake = boat only goes in this lake; First/Frozen = first launch of the season or frozen boat.

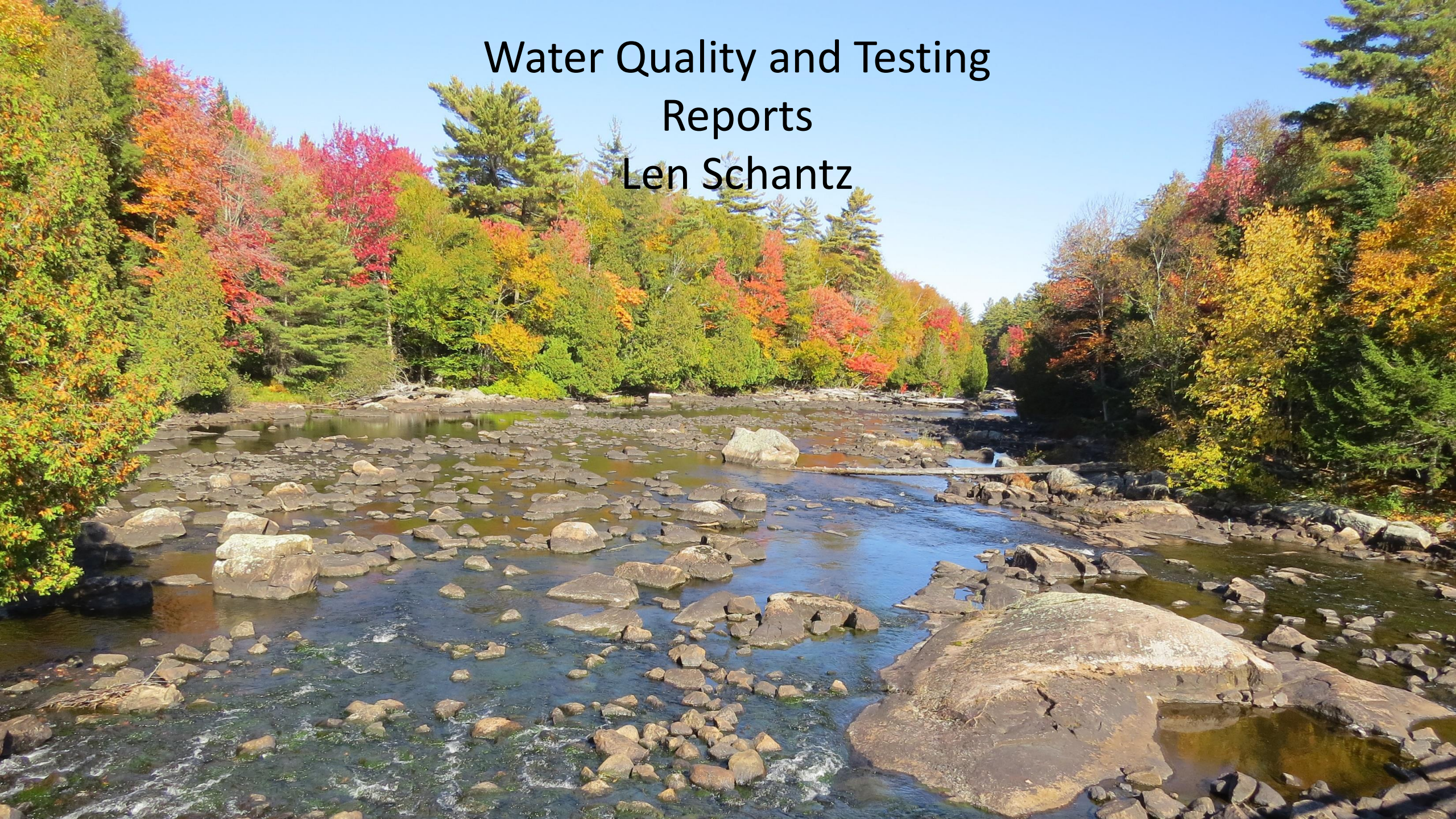
Organisms Removed	Organism Type									total # AIS	% of inspected boats w/AIS
	Non-invasive	CLP*	HYD*	EWM*	VLM*	QUA*	SWF*	WC*	ZM*		
# organisms	46	0	0	0	3	0	0	0	0	3	0.3%
percentage of total orgs	94%	0%	0%	0%	6%	0%	0%	0%	0%		

*Non-invasive = native aquatic terrestrial material; CLP = creek leaf pack; HYD = hydrophyte; EWM = Eurasian watermilfoil; VLM = variable leaf

Raquette 2019			All launches 2019	
Day of week	boats		Day of week	boats
Sunday	263		Sunday	25886
Monday	173		Monday	11156
Tuesday	77		Tuesday	5718
Wednesday	78		Wednesday	6107
Thursday	172		Thursday	12313
Friday	274		Friday	15100
Saturday	286		Saturday	26097
Grand Total	1323		Grand Total	102377
Raquette 2020			All launches 2020	
Day of week	boats		Day of week	boats
Sunday	515		Sunday	30764
Monday	225		Monday	13191
Tuesday	8		Tuesday	5089
Wednesday	7		Wednesday	5242
Thursday	224		Thursday	14744
Friday	319		Friday	22158
Saturday	484		Saturday	36155
Grand Total	1782		Grand Total	127343
Raquette 2021			All launches 2021	
Day of week	boats		Day of week	boats
Sunday	269		Sunday	20249
Monday	108		Monday	10724
Tuesday	47		Tuesday	5691
Wednesday	56		Wednesday	6035
Thursday	60		Thursday	9554
Friday	41		Friday	12514
Saturday	306		Saturday	22938
Grand Total	887		Grand Total	87705



Water Quality and Testing Reports Len Schantz



A person wearing a tan cap and a blue face mask is seated on a boat. The background shows a calm body of water. A large brown text box is overlaid on the image, containing information about water quality data from Hamilton County in 2021.

2021 Hamilton County Data (June - October)

- Nutrient levels low (normal)

- Alkalinity, ph, chloride,& DO levels all normal.

- Transparency or water clarity was lower than average (3.2 m vs 3.7m).

Elevated dissolved organic carbon levels likely the cause (color).

- Under ice sample collected

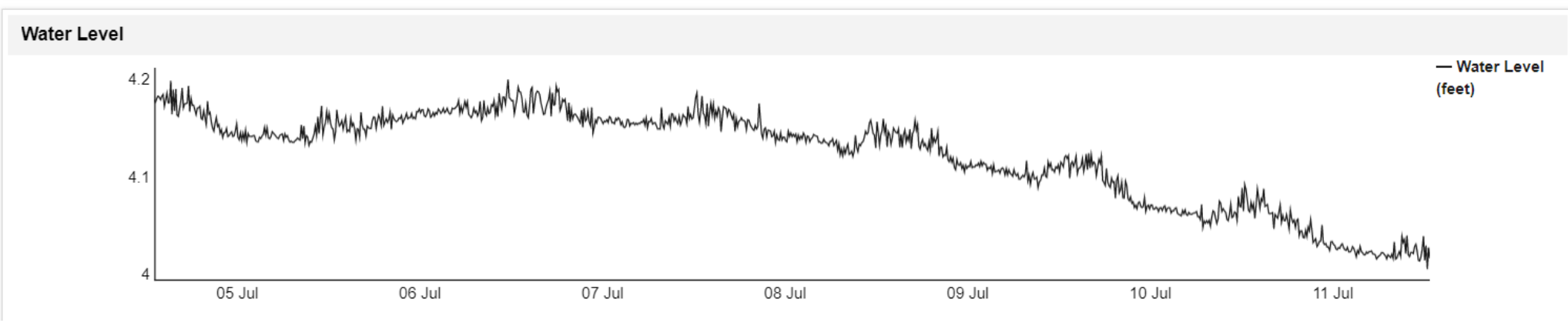
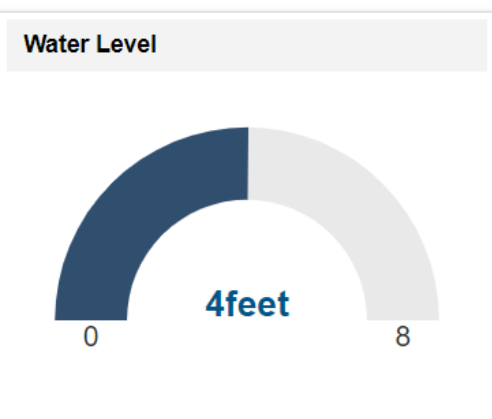
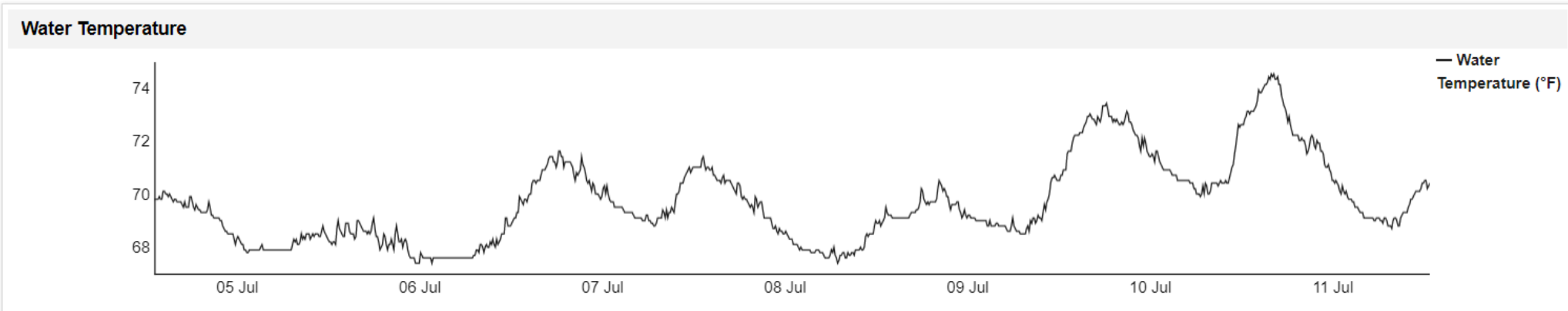
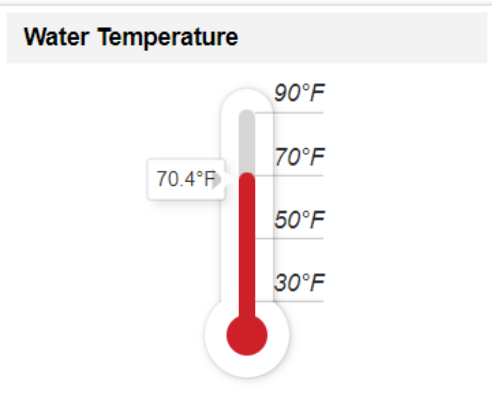
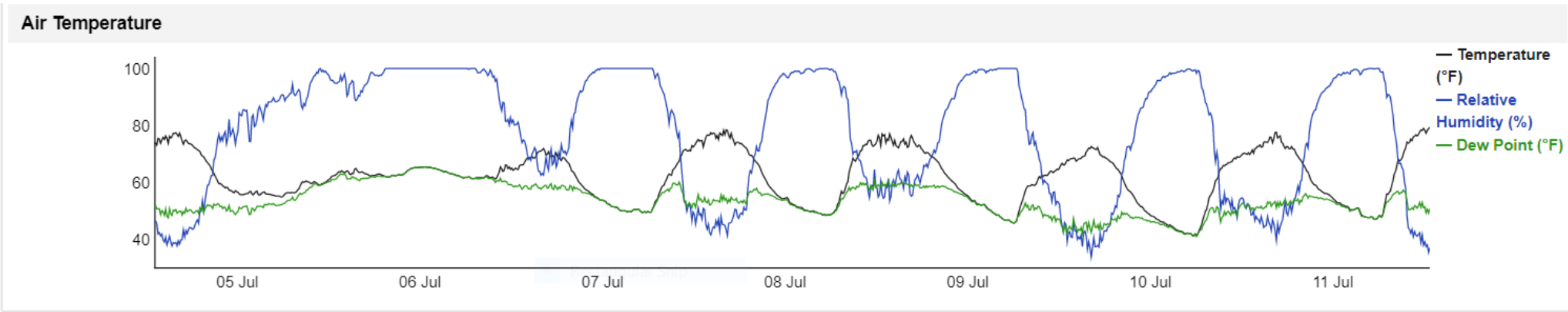
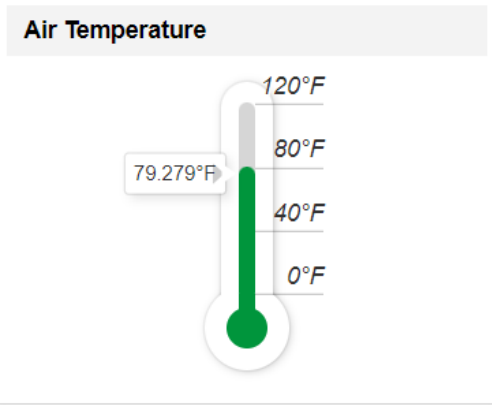
Algal Bloom last October

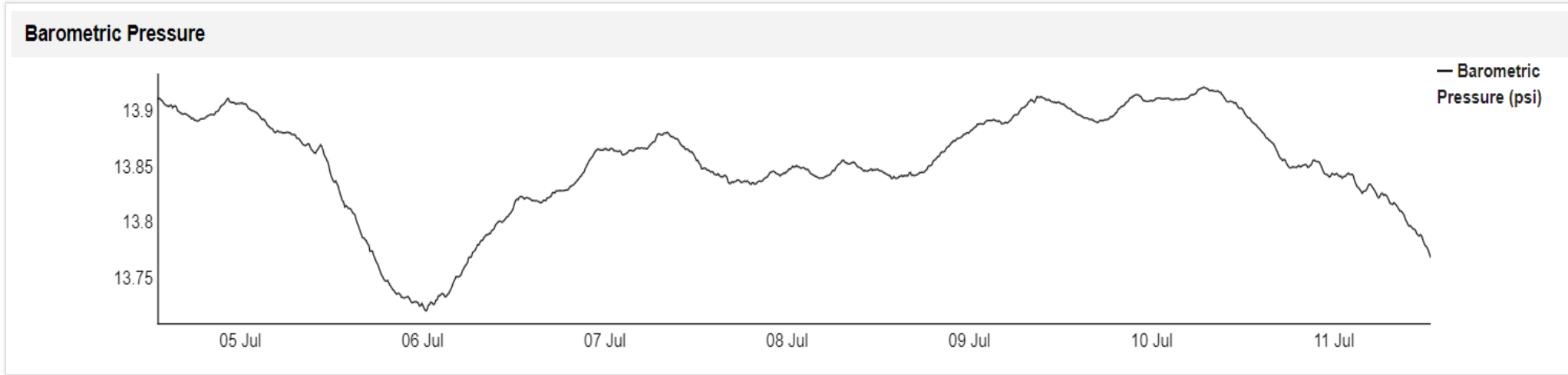
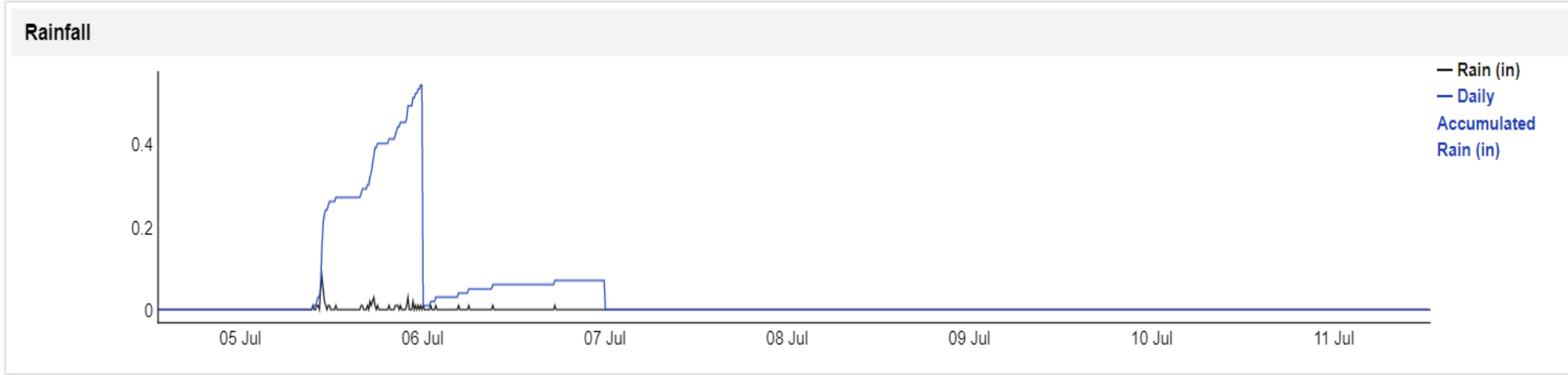
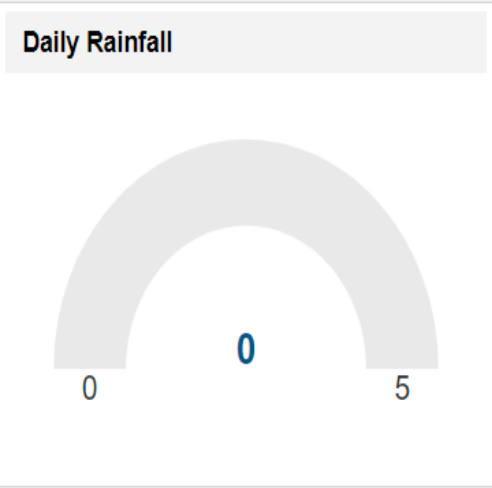
- Same Blue Green algae as 2019
- Same calm, warm conditions as 2019



<https://dashboard.hobolink.com/public/AWI-Raquette-Lake#/>



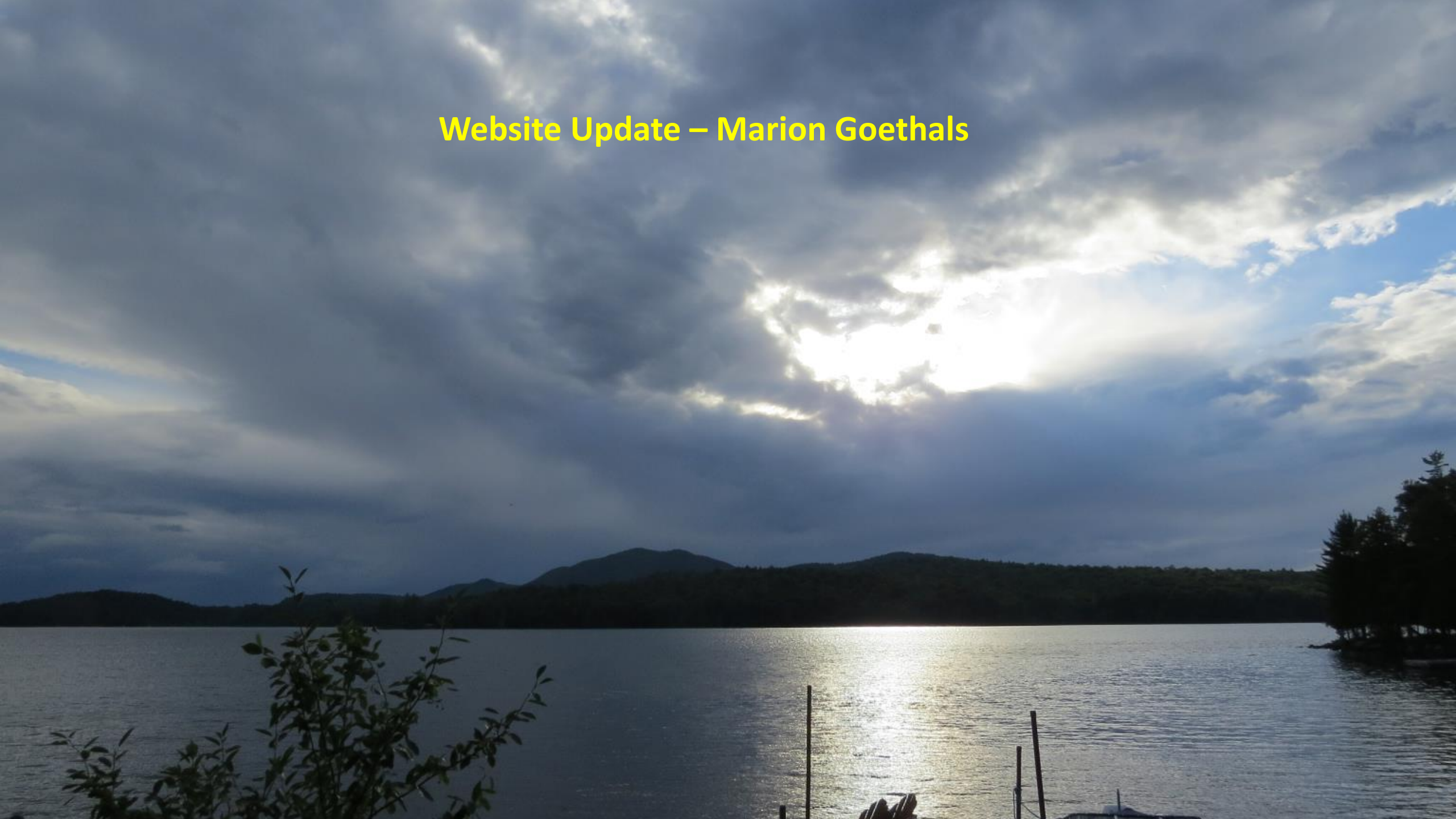




Loonie News – John Merriman



Website Update – Marion Goethals



Adirondack Council Clean Water Advocate – Blake Neumann



RLPF Future Directions

Gail Morehouse



Goals for the Raquette Lake Management Program

A LMP requires goals that provide a framework for both long-term and immediate actionable measures. The goals presented below are intended to be **adaptable** over time, but they draw upon aspects of lake management that will *require persistent future effort*.

- 1) Prevent new aquatic invasive species (AIS).
- 2) RLPF should partner with educational and governmental institutions to conduct scientific research of issues core to the lake's continued well-being. Of immediate interest is to study the current VLM population in the lake, its rate of growth and its expansion capability, to guide resource management decisions.
- 3) Prevent human-caused deterioration of Raquette Lake water quality.
- 4) Increase public education and awareness of aquatic sciences.
- 5) Prevent the spread of Variable-leaf milfoil (VLM) in existing and new areas of Raquette Lake and to other waterbodies.
- 6) Manage VLM and invasive species in order to preserve Raquette Lake habitats, species diversity and to achieve balance between recreational opportunities, navigation, and ecological integrity.

Goals of the Lake Management Plan cont.

- 7) Improve methods to track management success; track all expenditures and volunteer labor.
- 8) Use new information and political change in the Adirondacks to advance RL management, including permitting changes, new legislation, regional priorities, and funding opportunities.
- 9) Embrace partnerships for local land-use planning, and work towards changes to regulations that would benefit Raquette Lake.
- 10) Work towards a detailed watershed management strategy.
- 11) Commit to adaptive management with regularly updates to the RLMP. Commit to *annual revisions* of the specific VLM short-term action strategies provided in Appendix C.

These proposed Raquette Lake management goals build upon existing statewide and Adirondack Park goals for conservation and development, as well as aquatic nuisance species.

Volunteer Committee – Dick Gentry



Elections

Lynne Ballou-Gentry– Director

Ken Hawks – Director

