



**Adirondack
Park Agency**

Eagle Lake Property Owners, Inc. P2026-34

Agency Meeting Presentation

May 14, 2026

Presentation Overview

- Jurisdiction
- Conclusions of Law
- Project Location
- Management in Eagle Lake
- Proposed Treatment
- Public Comment & Review by Others
- Staff Recommendation
- Conclusions of Law
- Q & A

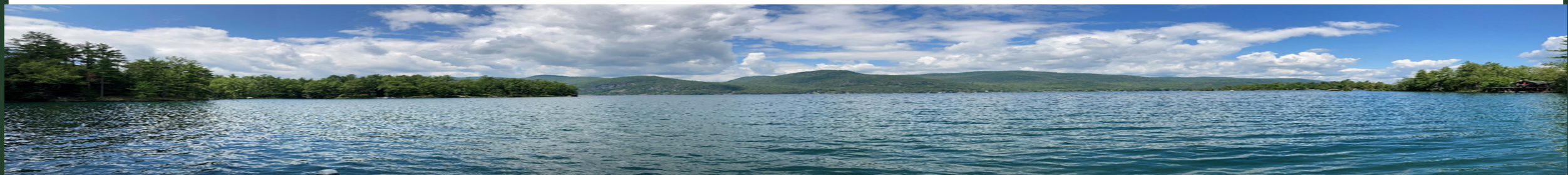
Jurisdiction

9 NYCRR Section 578.3(n)(2)(i)

- Regulated Wetland Activity
 - Application of Herbicide in Wetlands

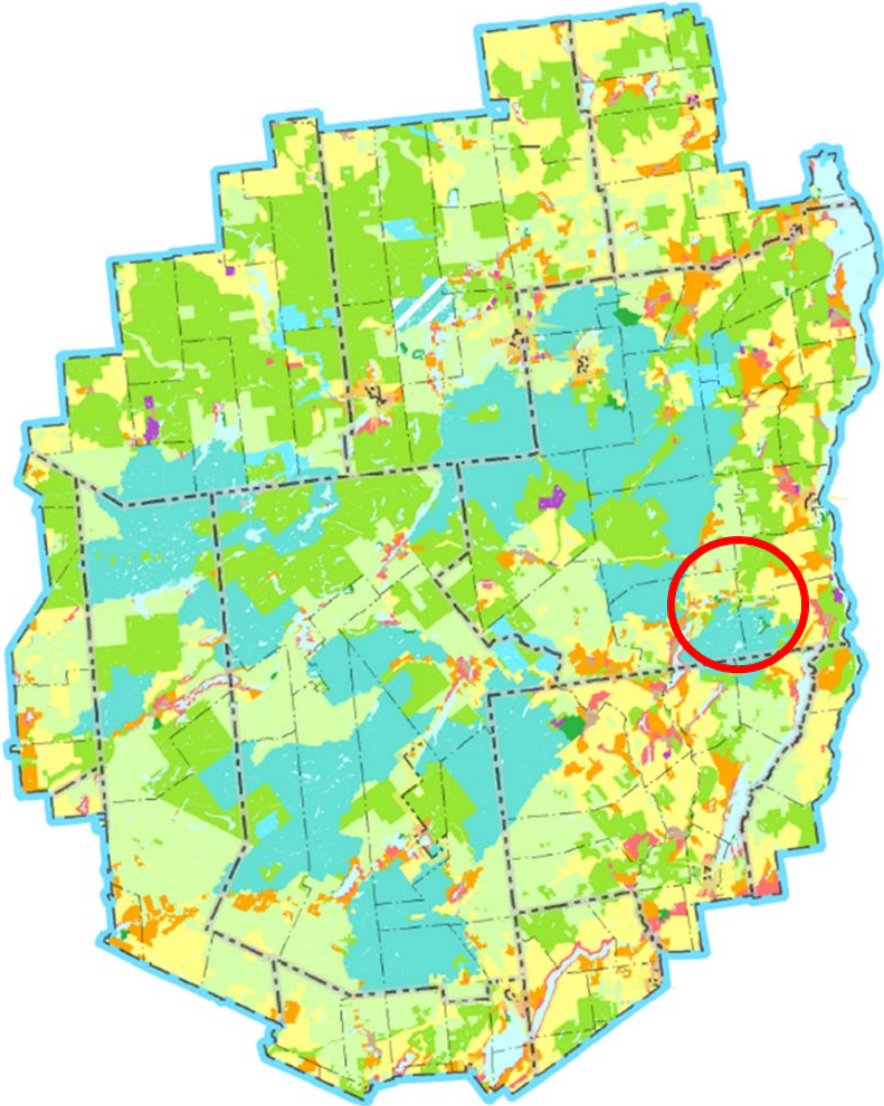
Conclusions of Law

- a. is consistent with the applicable and relevant portions of the Freshwater Wetlands Act;
- b. is consistent with the Adirondack Park Land Use and Development Plan;
- c. will not have an undue adverse impact upon the natural, scenic, aesthetic, ecological, wildlife, historic, recreational or open space resources of the Park, taking into account the economic and social or other benefits to be derived from the activity; and
- d. will result in minimal degradation or destruction of the wetland or its associated values, and provides an essential public benefit with respect to the associated Value “2” wetlands; and
- e. provides economic, social and other benefits which compel a departure from the guidelines in 9 NYCRR Section 578.10 as is permitted by 9 NYCRR Section 578.9 in the associated Value “1” wetlands.

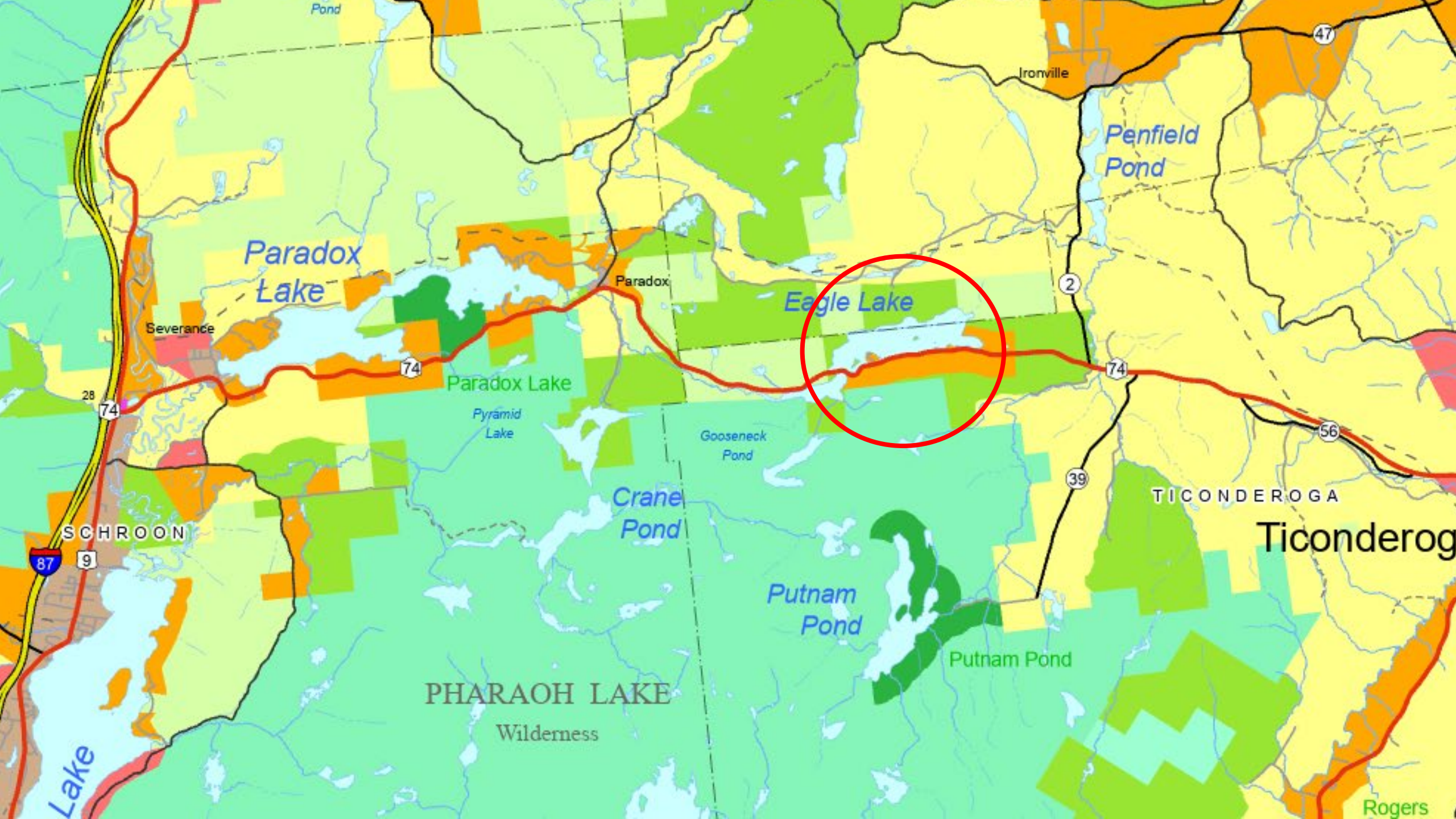


Project Location

Project Location



Town of
Ticonderoga,
Essex County



Paradox Lake

Eagle Lake

Penfield Pond

Paradox Lake

Pyramid Lake

Gooseneck Pond

Crane Pond

Putnam Pond

Putnam Pond

PHARAOH LAKE

Wilderness

TICONDEROGA

Ticonderoga

Rogers

SCHROON

87

9

28

74

74

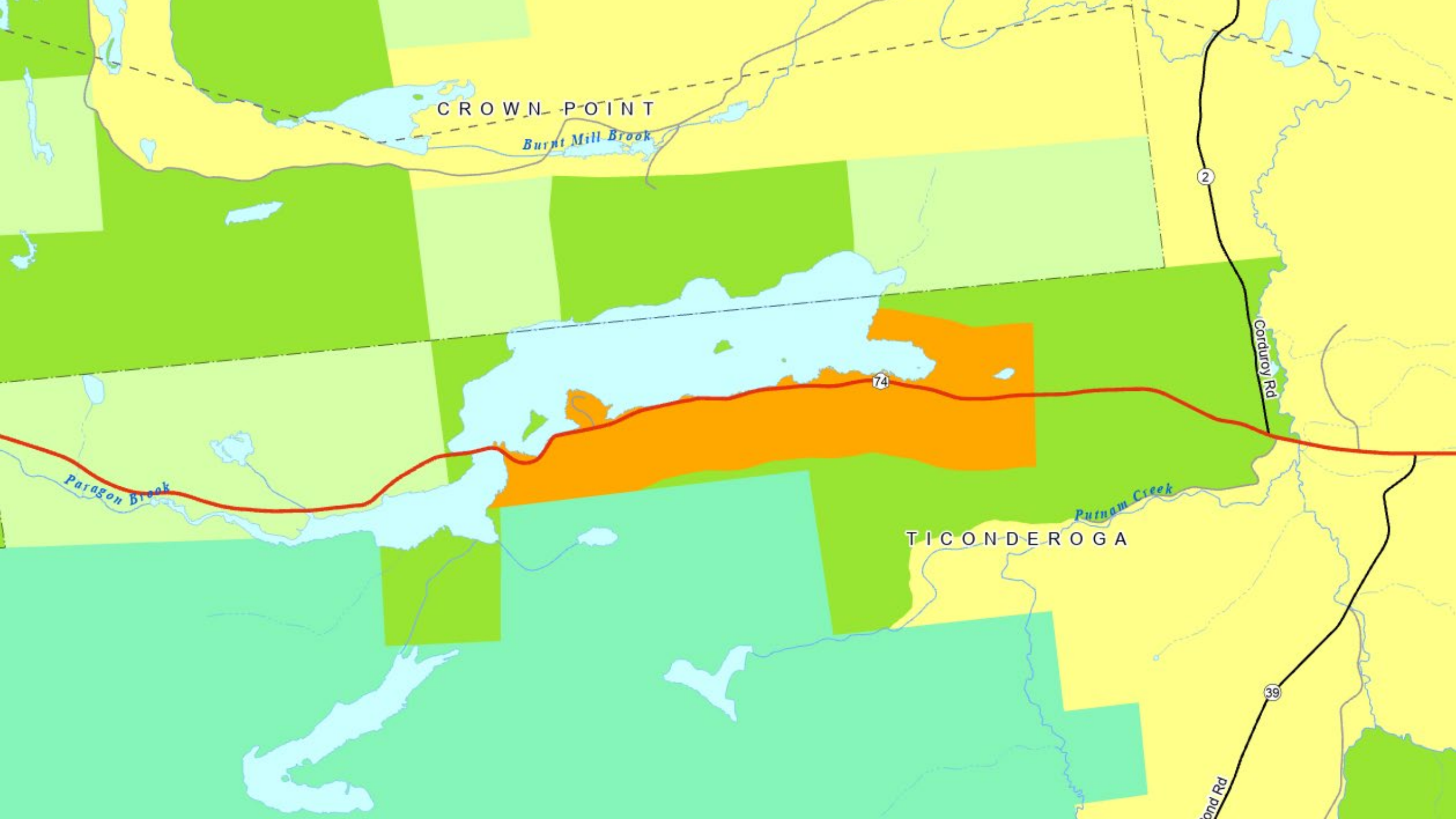
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74

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56

47



CROWN POINT

Burnt Mill Brook

Paragon Brook

Putnam Creek

TICONDEROGA

2

39

Corduroy Rd

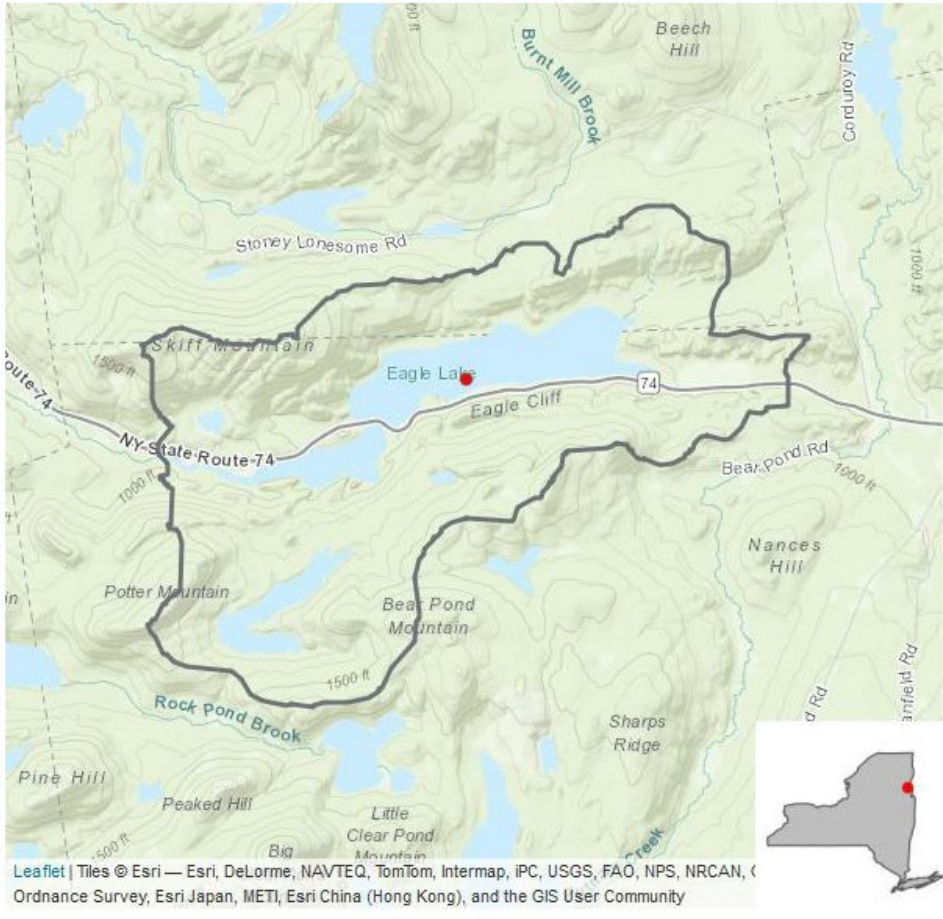
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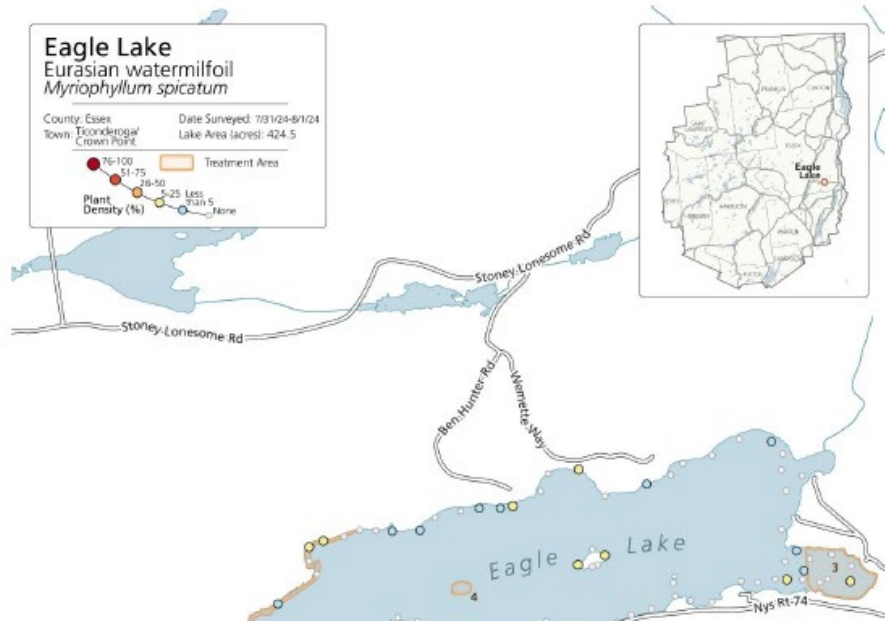
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2024

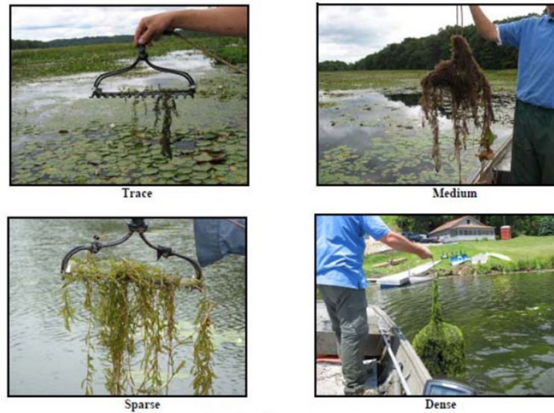
Eagle Lake

Town(s) of Ticonderoga

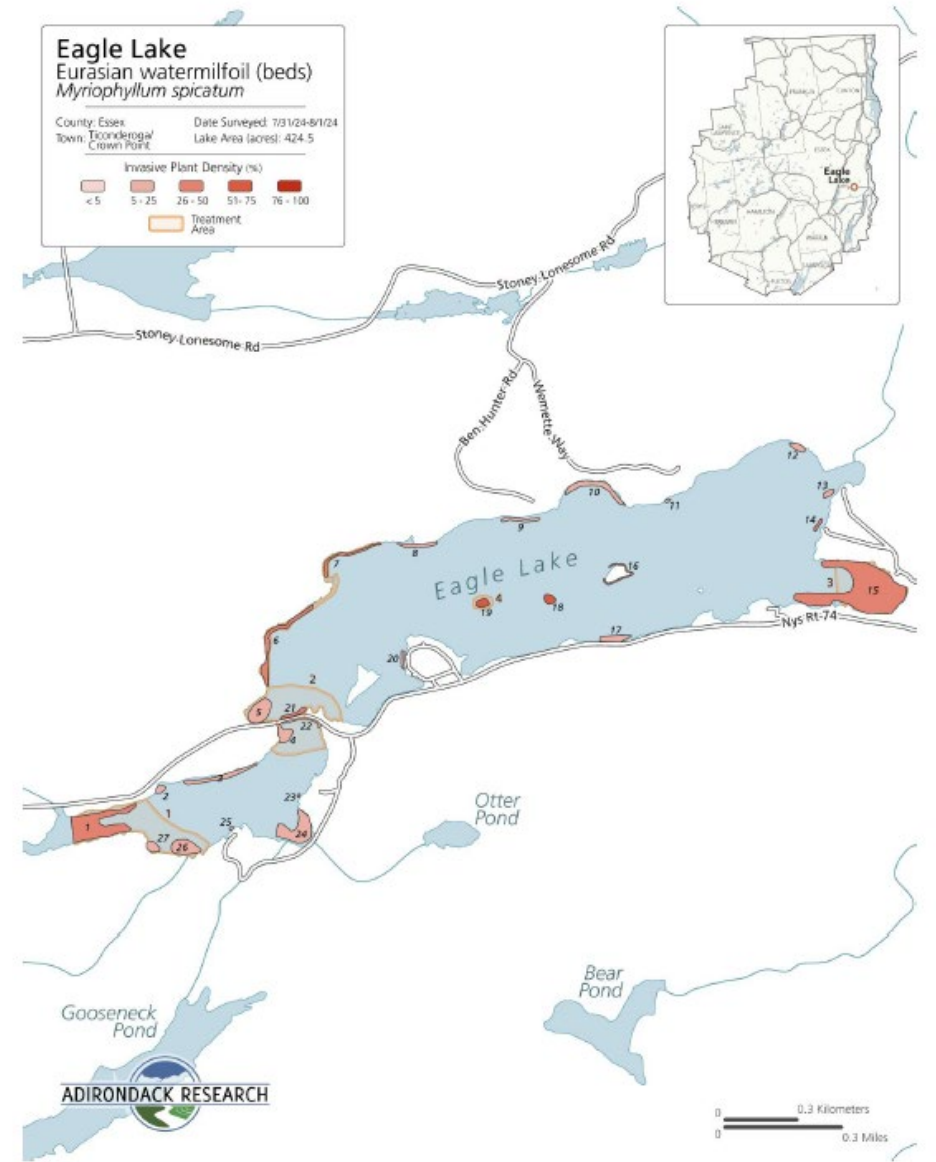




Submersed Aquatic Plant Density



2024 - Rake Toss



2024 - Visual Survey



Management in Eagle Lake

History

First identified in late 1970's

Numerous Plant Surveys ('89, '94, '03, '08, '11, '15, '18, '21, '24)

Hand Harvesting – Past 20 years (Volunteers and Hired Professional Divers)

Benthic Mats – 2007 – 2013

Herbicide Treatment – ProcellaCor (North of Causeway - 2025)

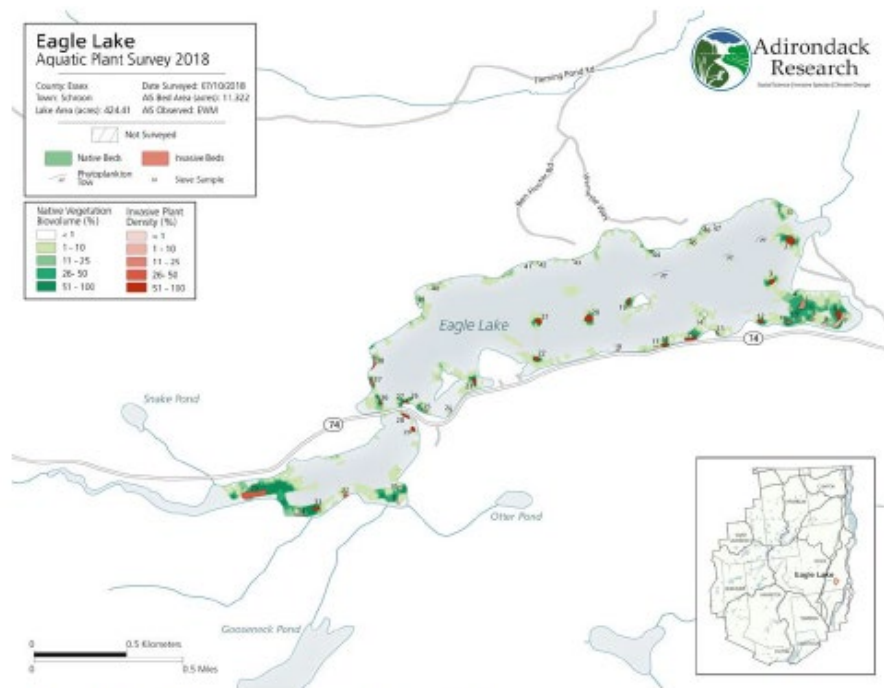


FIGURE 7. MAP OF EWM PRESENCE BY ADIRONDACK RESEARCH 2018

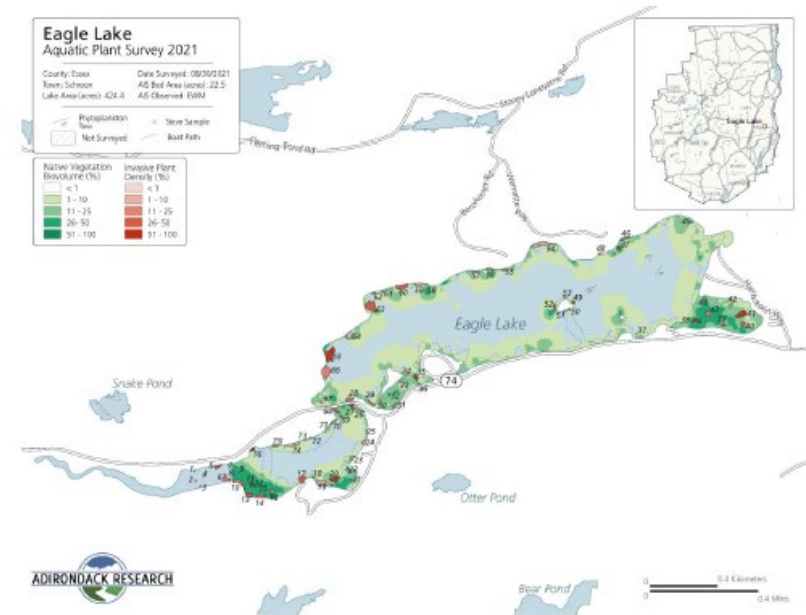


FIGURE 8. MAP OF EWM PRESENCE BY ADIRONDACK RESEARCH 2021

Conclusions – Lessons Learned

1970's - 2022

- Milfoil is a serious problem for Eagle Lake
- Hand harvesting can be effective for small areas, such as immediate lakefront areas, but cannot address the extent of milfoil present in the lake
- ~~• Alternative methods must be deployed to address the infestation of milfoil~~

2023 - Present

- An alternative method has been identified using a safe and effective herbicide

APIPP's Lake Protectors Program

Eagle Lake joined program in 2024

Citizen Science: AIS Monitoring

2024: EWM documented at 32 of 123 Stations

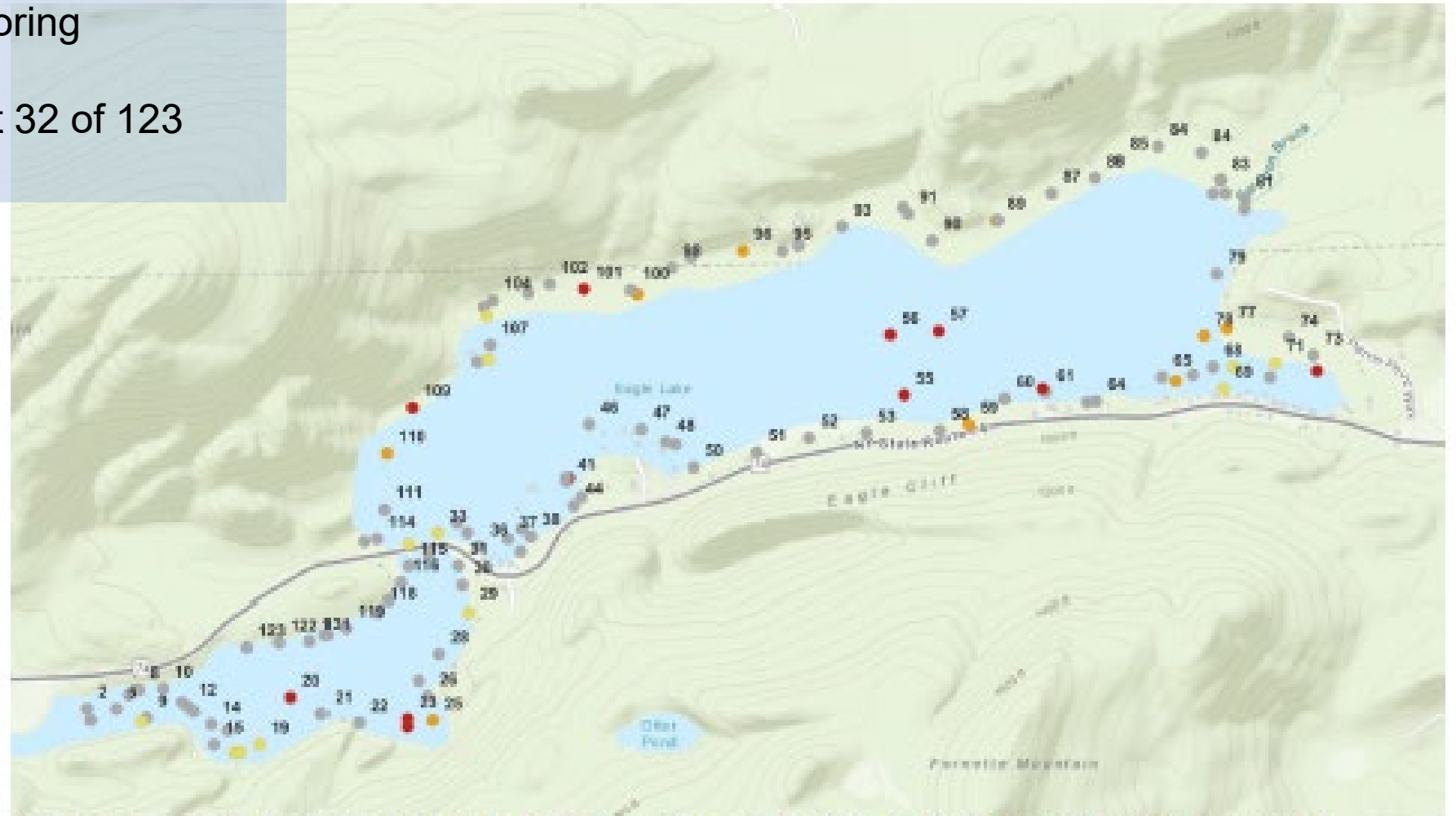


FIGURE 12. MAP SHOWING SURVEY STATIONS WITH EWM PRESENT FROM THE 2024 LAKE PROTECTORS SURVEY (CITIZEN SCIENCE)

Eagle Lake Aquatic Invasive Species Management Plan

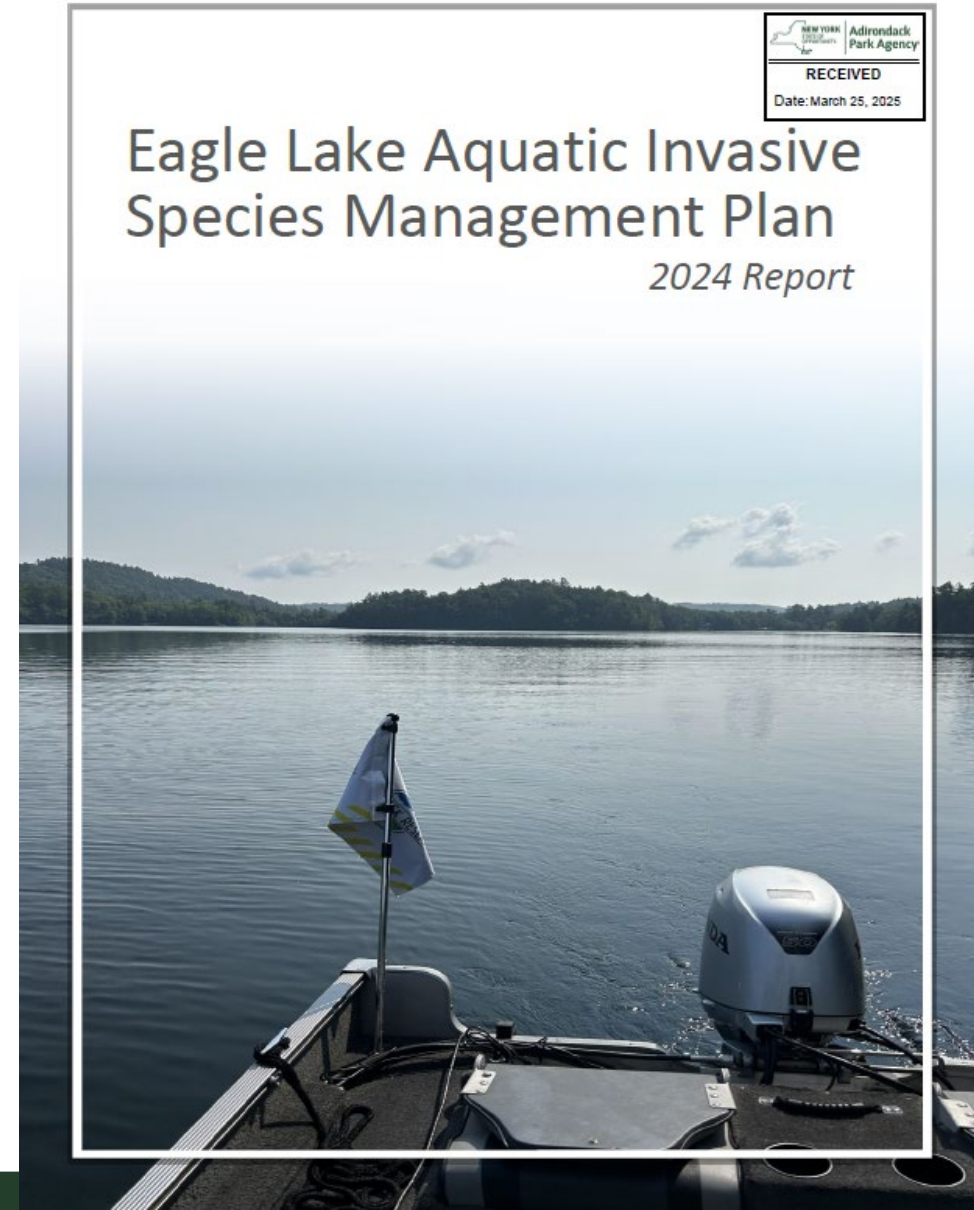
Developed in 2024, with support of a DEC Grant

Specific Goals, Objectives, Strategies and Evaluation Metrics

Implementation Plan:

“The Eagle Lake AIS Management Plan integrates a comprehensive strategy to control Eurasian watermilfoil using a combination of targeted ProcellaCOR EC herbicide applications, hand harvesting, and an Early Detection and Rapid Response plan. This approach prioritizes ecological restoration, enhances recreational access, and minimizes impacts on native plant species.”

Adirondack Research





P2025-0065 Treatment Plan Map

Recent Expenses

Year	Item	Spent	Collected	
	--Carried forward--		\$38,400	Earmarked for IS mitigation
2023	Lake Management Plan	\$30,000	\$30,000	Supported by grant
2024	Plant Survey	\$4,200	\$5,500	Supported by fundraisers
2025	ProcellaCor Treatment	\$59,720	\$50,270	Capital campaign
2026	ProcellaCor Treatment	\$34,250		
	Plant Survey	\$5,950		
	Totals	\$134,120	\$124,170	

Future Expenditures: Estimate \$75,000 needed in next few years for hand harvesting, plant surveys and professional contractors

Future Funding: Grant proposals, capital campaigns, memberships, donations, community support

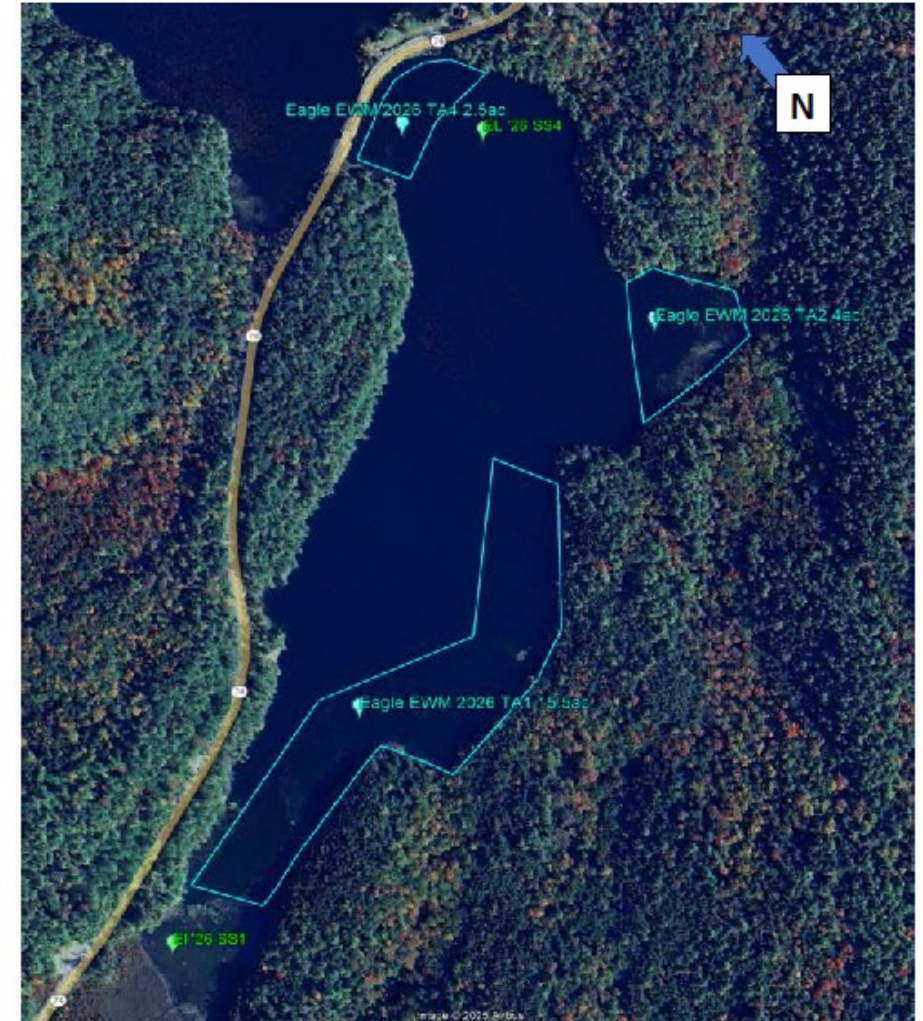
Proposed Treatment

Treatment

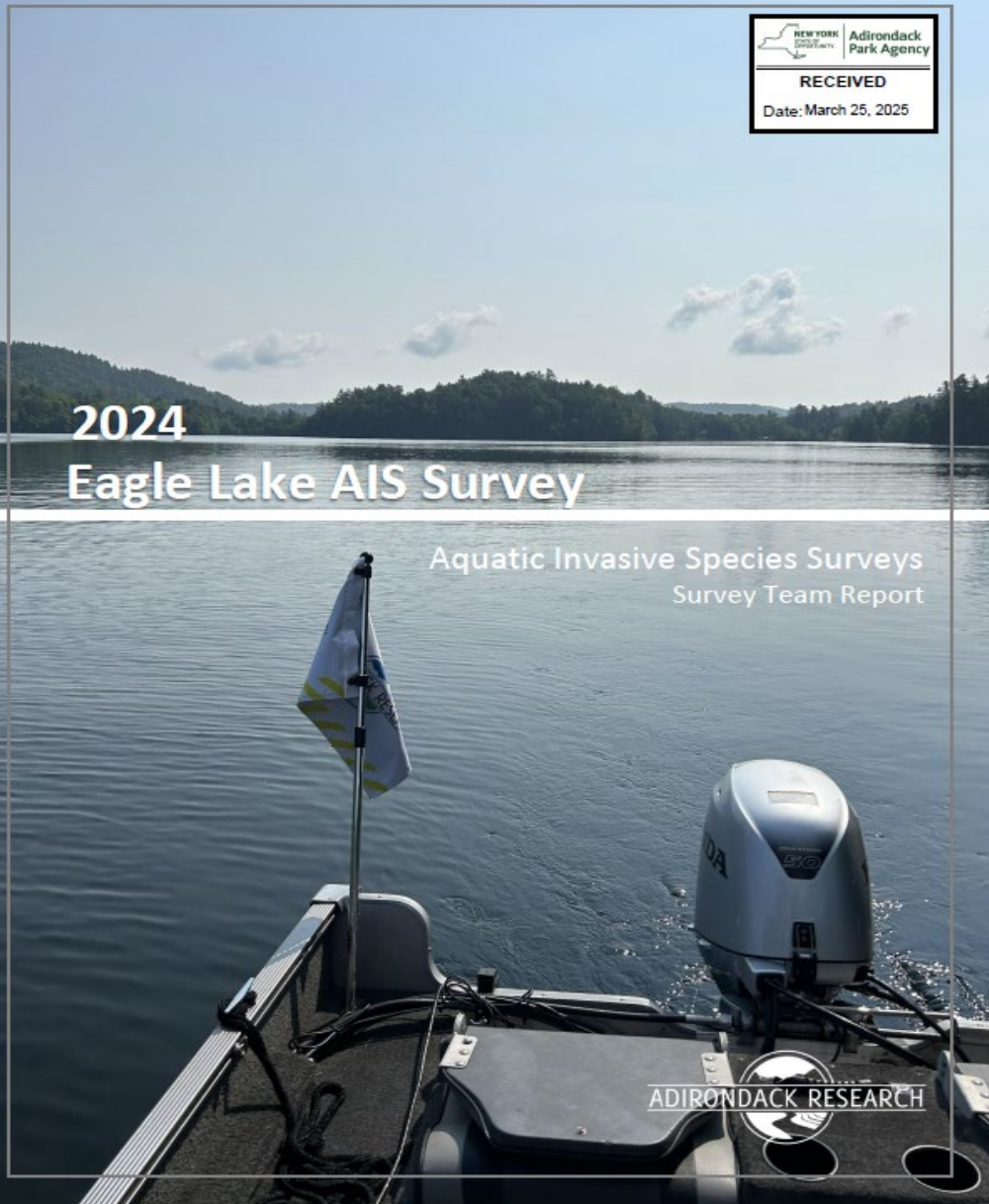
- Treat 19.5 acres within two treatment areas in Eagle Lake with ProcellaCor EC.
- Post Treatment Samples collected until herbicide concentration is below 1 ppb in all samples.
- 1 day after treatment
- 4 – 8 days after treatment

2026 Eagle Lake Eurasian Watermilfoil Treatment Areas w/sampling stations

(Treatment Area TA4 has been previously approved for treatment on permit 2025-0065)



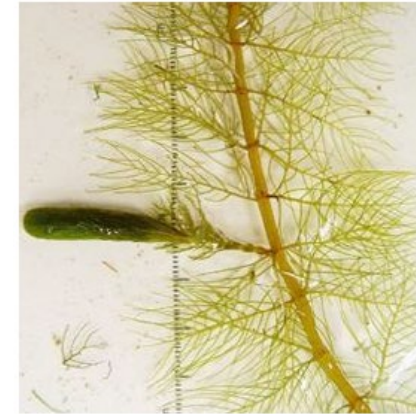
Post Treatment



- Qualitative survey about 6 weeks post-treatment
- Quantitative Plant Survey (August/September)
- Post Treatment Status Report (Due Dec. 1)
 - Survey Results
 - Residual Concentration Monitoring
 - Narrative assessment of lake health and discussion of effects on plant communities
- Record treatment in iMap invasives database

Susceptibility: Non-Target Species

Plant Species	Susceptibility
Low watermilfoil <i>M. humile</i>	High
Northern watermilfoil <i>M. sibiricum</i>	High
Whorled watermilfoil <i>M. verticillatum</i>	High
Watershield	Moderate – High
Coontail	Low – Moderate
White waterlily	Moderate
Pickerelweed	Low – Moderate



Caption: Whorled watermilfoil (*Myriophyllum verticillatum*)



Caption: Low watermilfoil (*Myriophyllum humile*)



Caption: Northern watermilfoil (*Myriophyllum sibiricum*)

Public Comment and Review by Others

Public Notice

- Shoreline owners notified when application was received, also when application was completed
(81 letters x 2 = 162 notifications)
- Environmental Notice Bulletin: Comment period ended April 9, 2026
- Project posted for comment on the Agency's website
- 2 comment letters received
- Concerns → 1 Letter
- Supportive → 1 Letter

Public Comment

Concerns

- Not against use, but asked for more information

Supportive

- General support of positive results

Review by Others

- NYS DEC
 - Bureau of Pesticides Application Submitted February 2026

Staff Recommendation / Draft Permit Conditions

Staff Recommendation: Approve with Conditions

Conditions

- Undertake project as proposed
- Adherence to Clean Drain Dry Standards for all equipment used
- Post-treatment concentration monitoring report
- Post treatment aquatic plant survey
- Submit treatment map to iMap Invasives Network

Conclusions of Law

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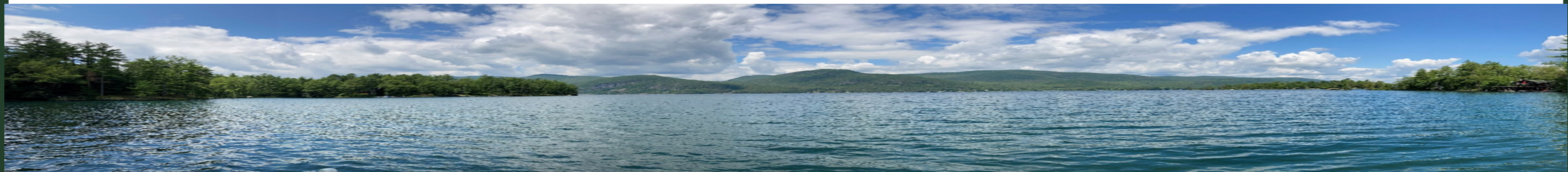
Conclusions of Law – Economic & Social Benefits

- Eagle Lake is used by residents, anglers and recreators alike.
- There is a water only access lean-to and beach on state forest land in the Northeast corner of the lake. Both public areas are maintained by the Department of Environmental Conservation.
- The Lake is stocked with fish yearly from a local fish hatchery by the DEC.



Conclusions of Law – Other Benefits – AIS Control

- Public Policy: “Preserve, protect and conserve freshwater wetlands and the benefits derived therefrom, to prevent the despoliation and destruction of freshwater wetlands.”
- AIS Present: Eurasian Water Milfoil (EWM) is a recognized aquatic invasive species in New York State
- EWM is confirmed to be present and there is evidence that it's growing rapidly
- The method chosen targets EWM specifically and has minimal known impacts to non-target aquatic life



Conclusions of Law – Other Benefits – AIS Control

- Attention to key treatment zones including the causeway, where conditions favor rapid spread due to concentrated boat traffic, and around the boat launch/outlet of the lake where shallow conditions and flow of the lake are favorable to strong EWM populations.
- These areas have shown high regrowth rates in previous surveys.
- Completion of last year's treatment





**Adirondack
Park Agency**