



Adirondack  
Park Agency

# Eagle Lake Property Owners, Inc. P2025-65

Agency Meeting Presentation

May 22, 2025

# Presentation Overview

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



# Jurisdiction

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

- Regulated Wetland Activity
  - Application of Herbicides in Wetlands



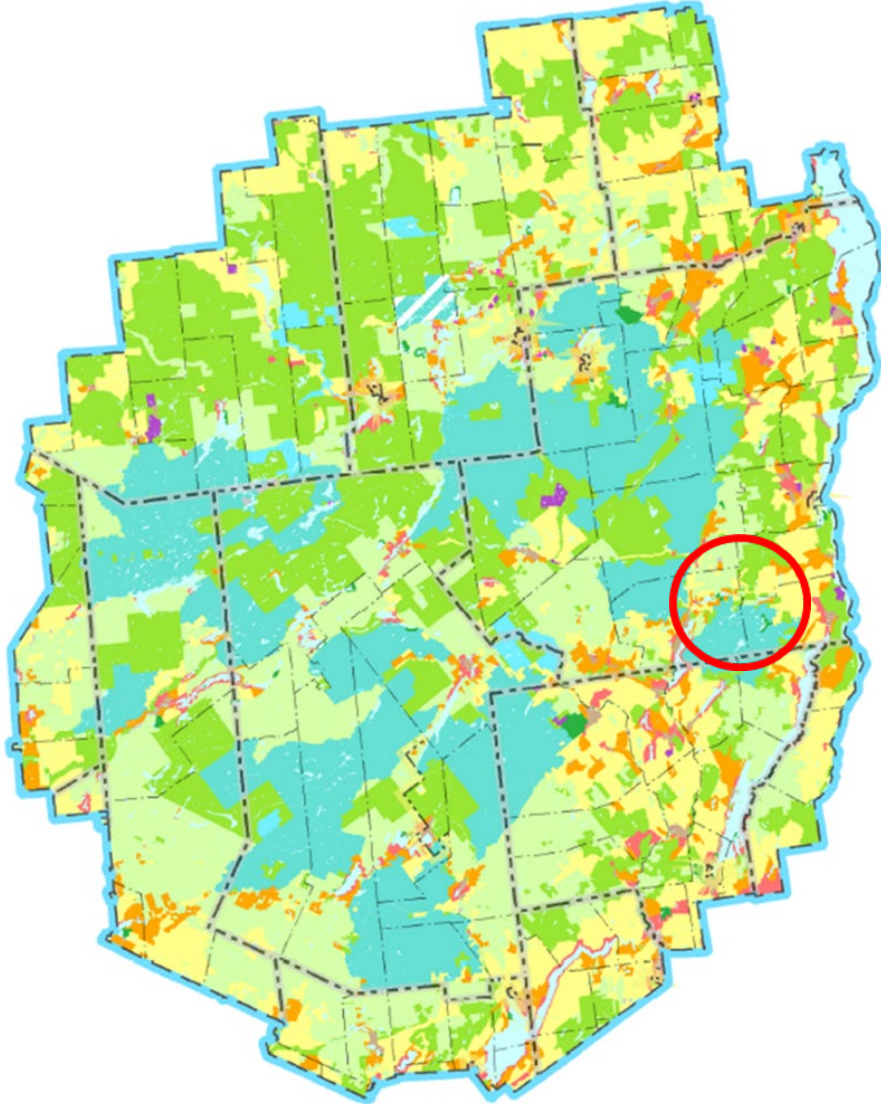
# Conclusions of Law

- a. that the project authorized as conditioned herein will be consistent with the Adirondack Park land use and development plan; and
- b. that the project authorized as conditioned herein 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
- c. the economic, social and other benefits to be derived from the activity proposed and as conditioned herein compel a departure from the guidelines of 9 NYCRR Part 578.10(a)(1), in order to secure the natural benefits of wetlands associated with the project, consistent with the general welfare and beneficial economic, social, and agricultural development of the state



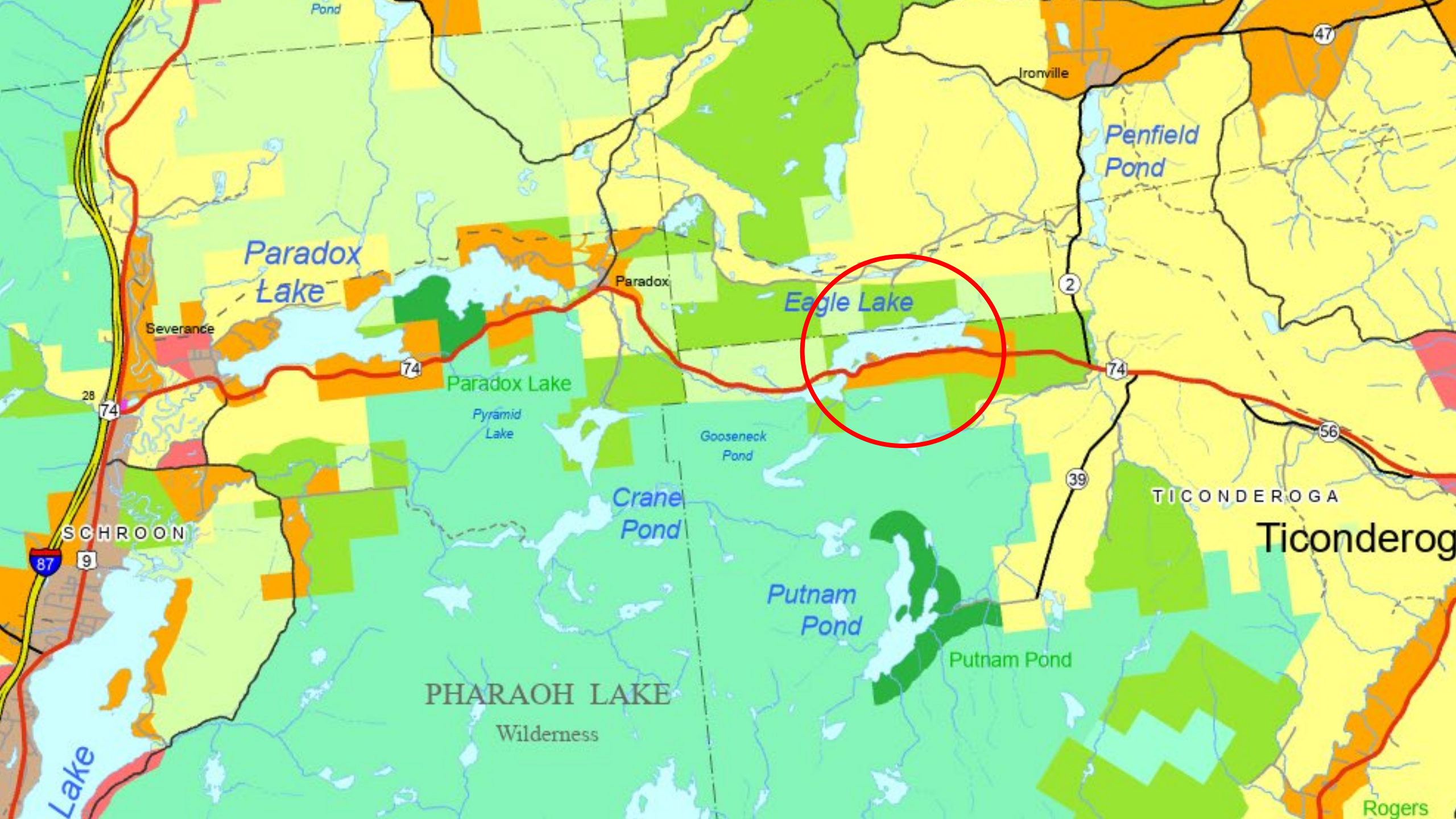
# Project Location

# Project Location

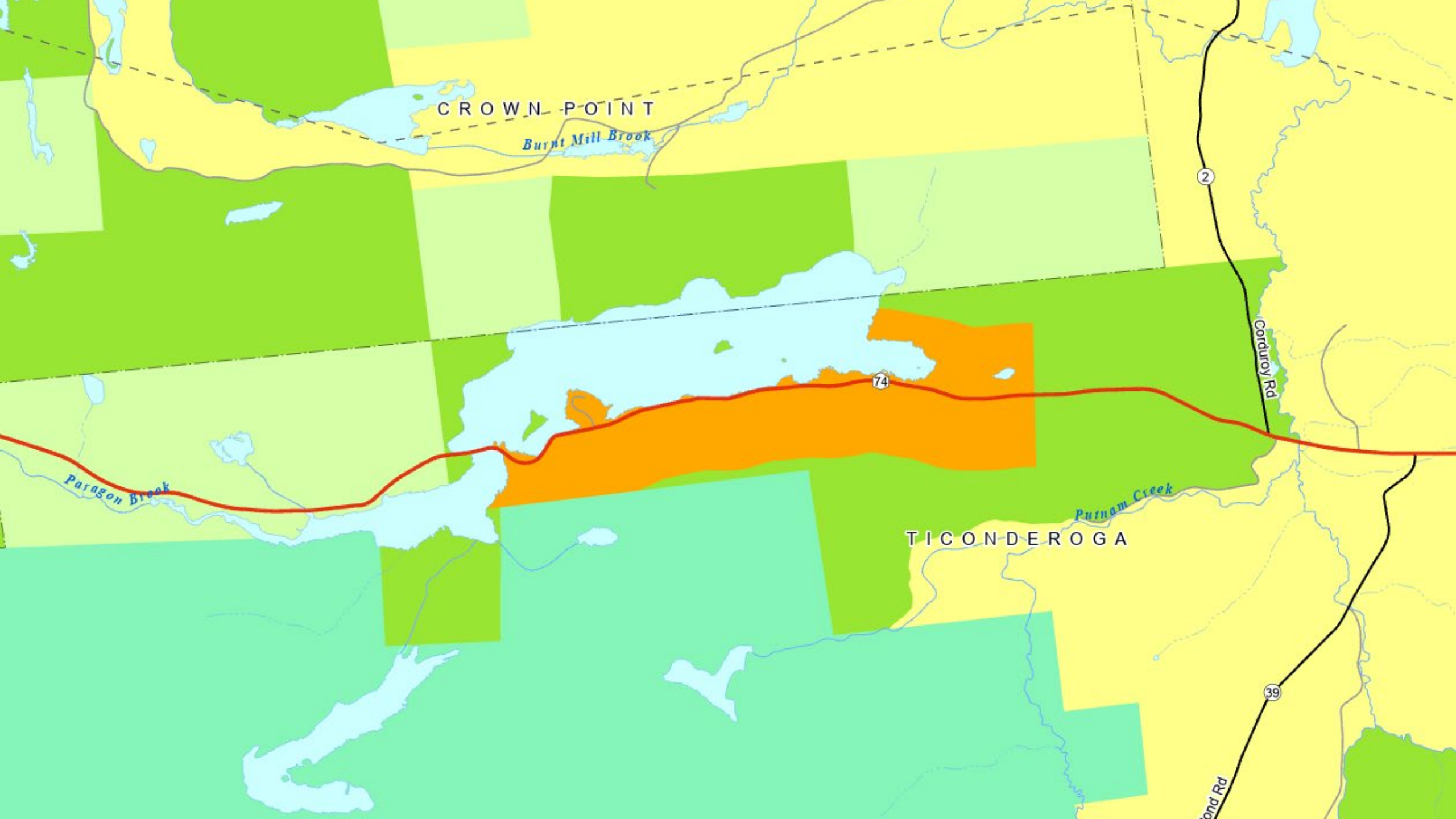


Town of  
Ticonderoga,  
Essex County







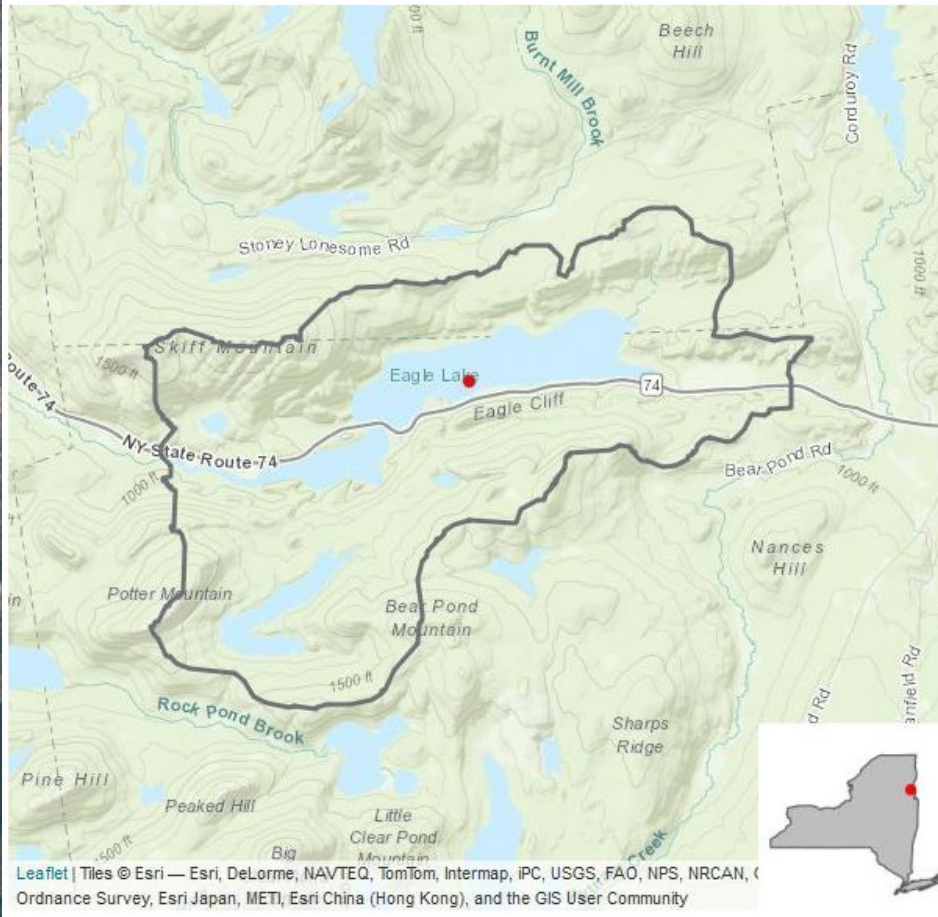




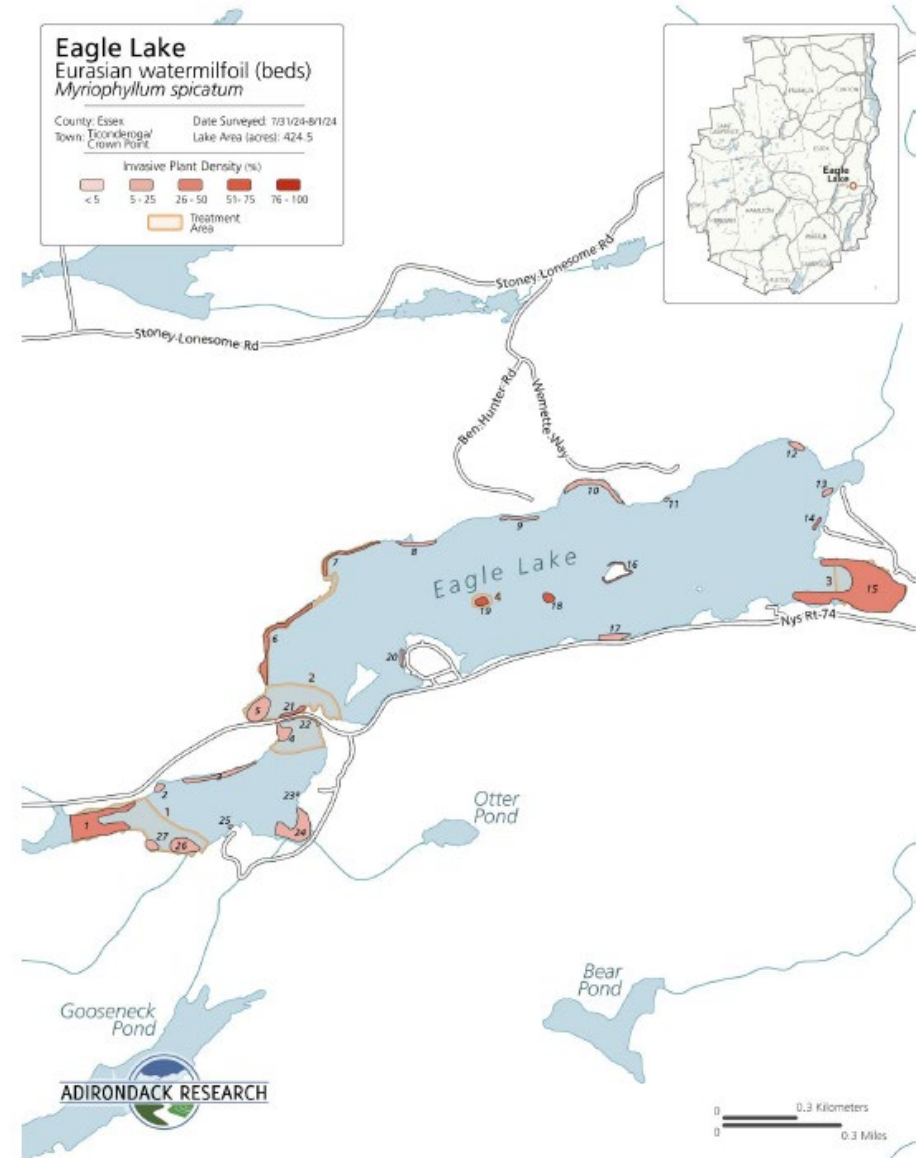
2024

# Eagle Lake

Town(s) of Ticonderoga









# **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 Proposal – Renovate (Withdrawn in 2014)

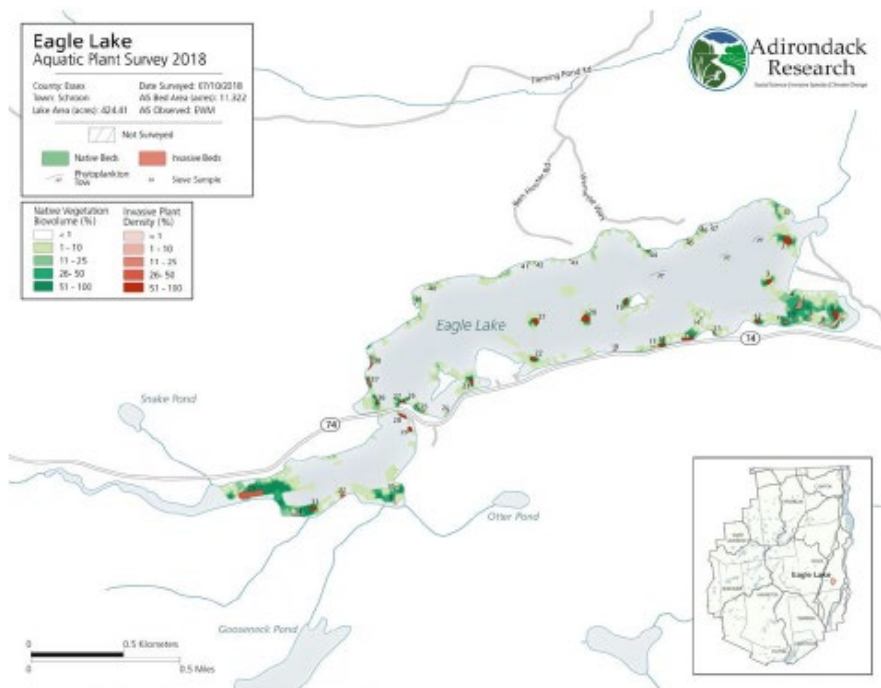


FIGURE 7. MAP OF EWM PRESENCE BY ADIRONDACK RESEARCH 2018

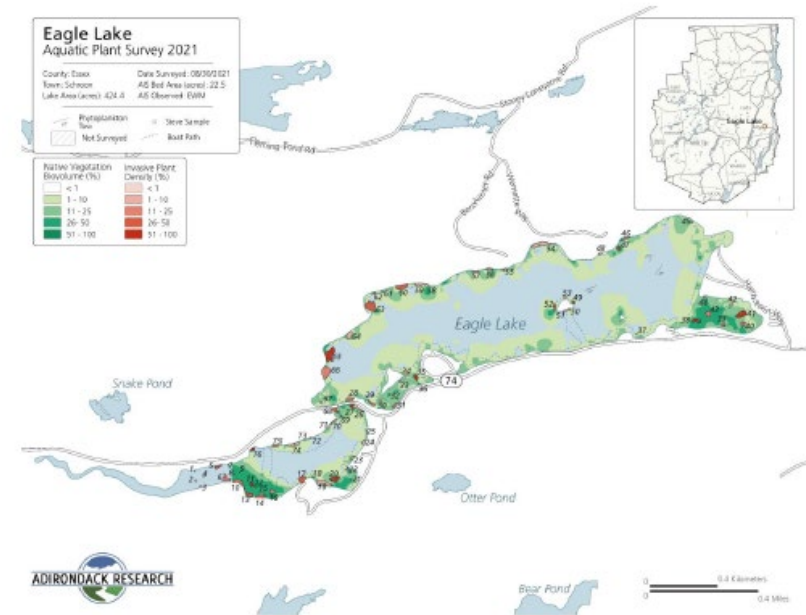


FIGURE 8. MAP OF EWM PRESENCE BY ADIRONDACK RESEARCH 2021



# 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 an extremely 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

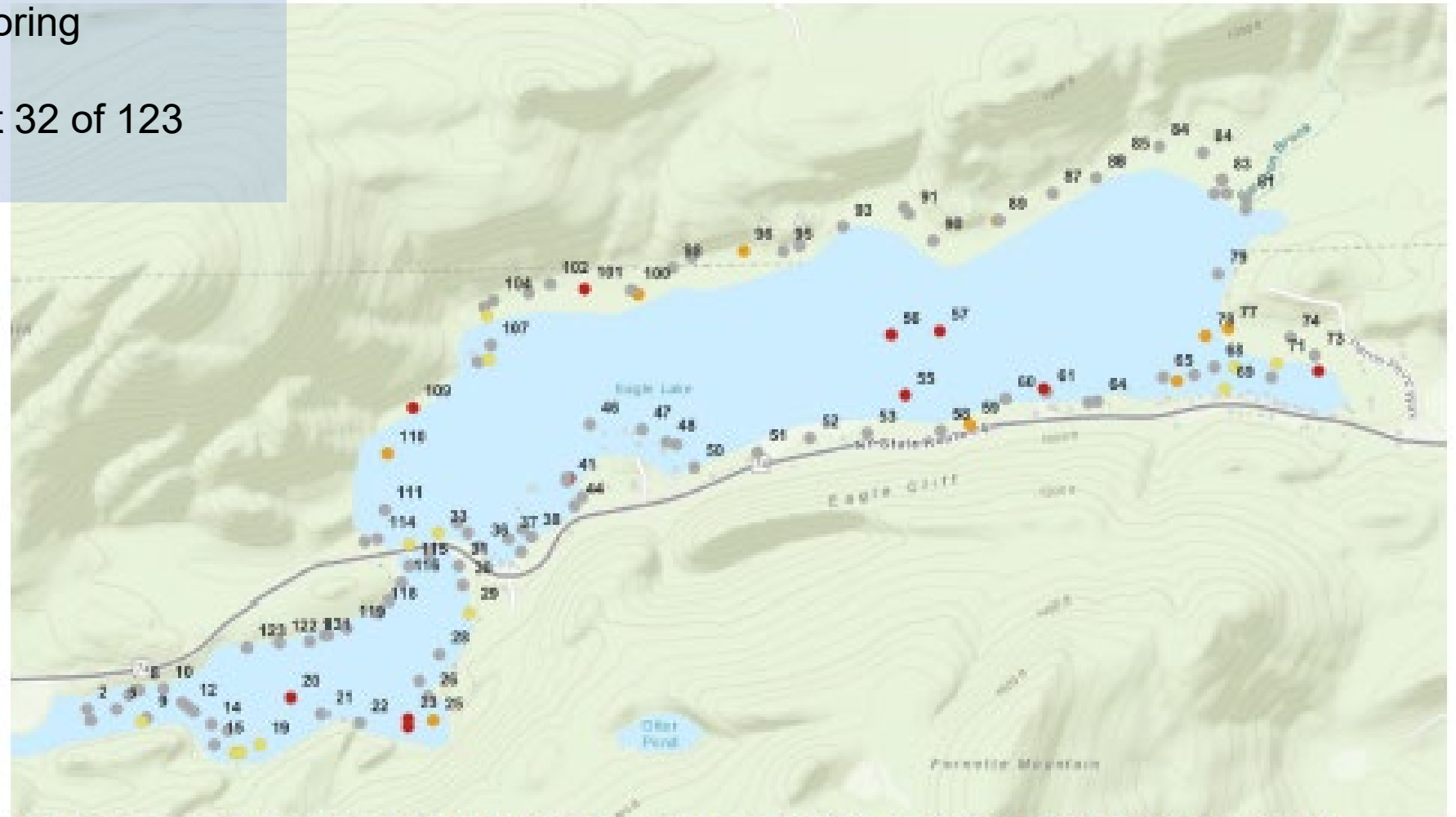


FIGURE 12. MAP SHOWING SURVEY STATIONS WITH EWM PRESENT FROM THE 2024 LAKE PROTECTORS SURVEY (CITIZEN SCIENCE)



# Eagle Lake Aquatic Invasive Species Management Plan

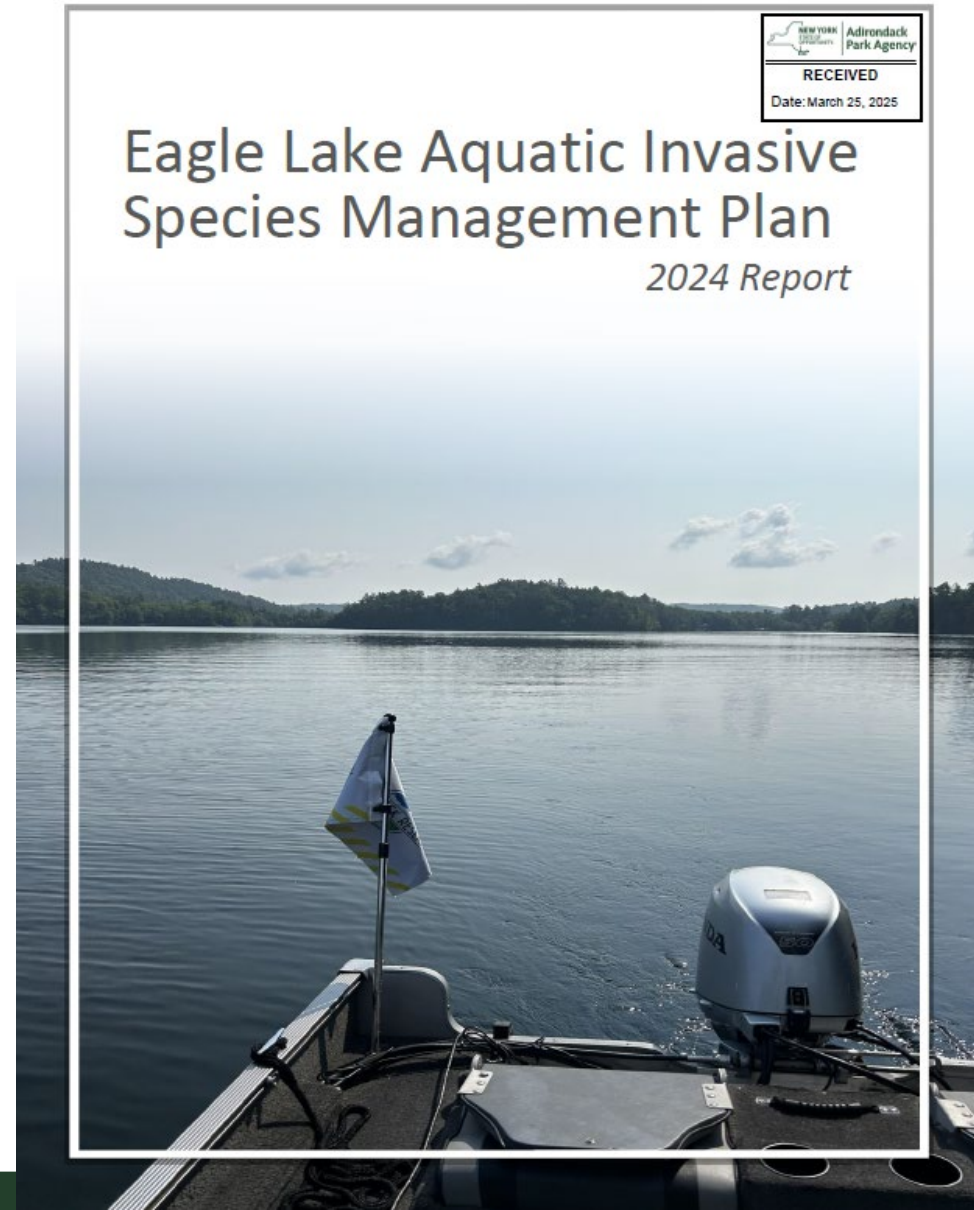
Developed in 2024, with support of a DEC Grant

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



# Proposed Treatment

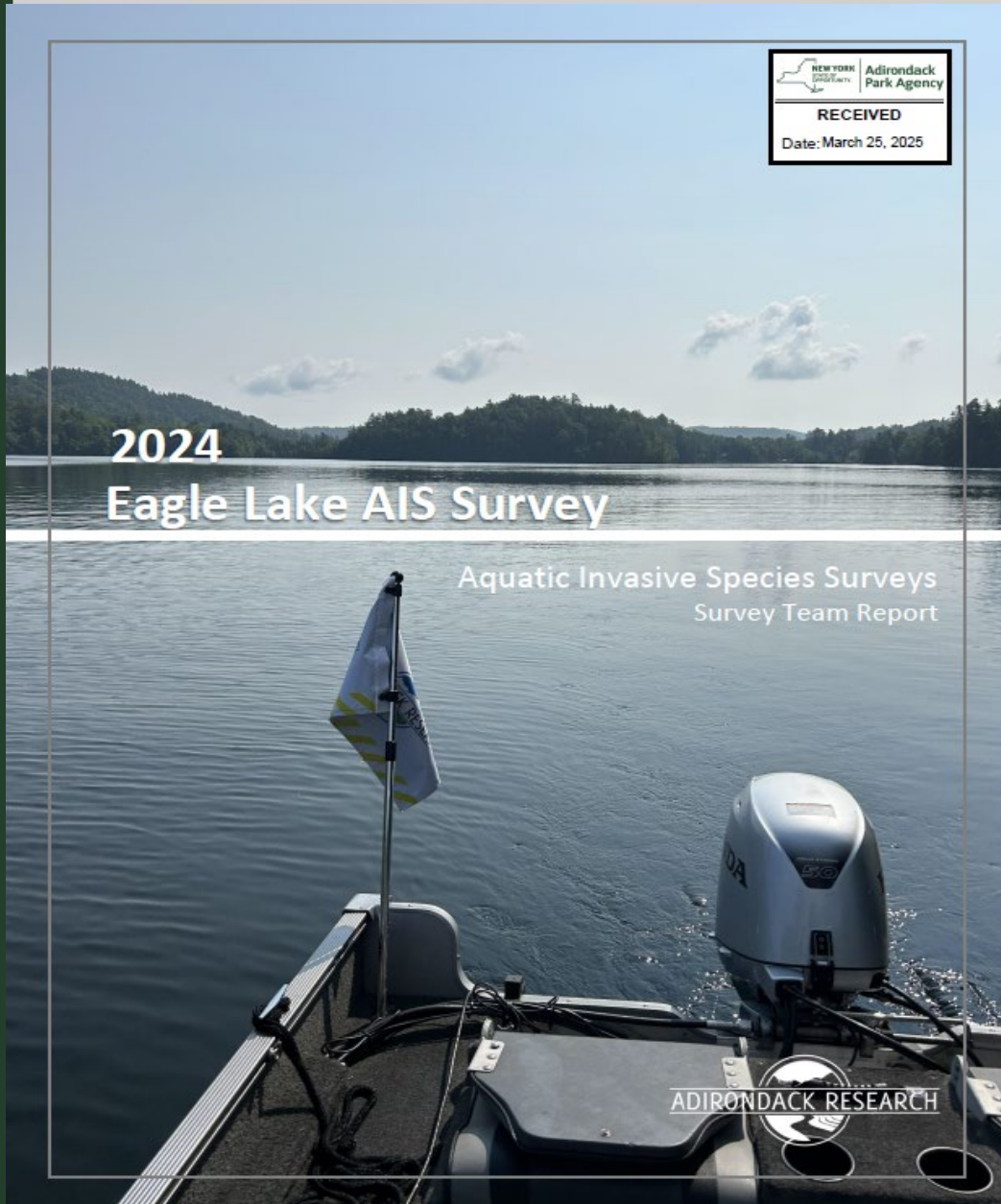
# Treatment

- Treat 33 acres within five 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





# 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

Native  
Milfoils



**Caption:** Whorled watermilfoil  
(*Myriophyllum verticillatum*)



**Caption:** Low watermilfoil  
(*Myriophyllum humile*)

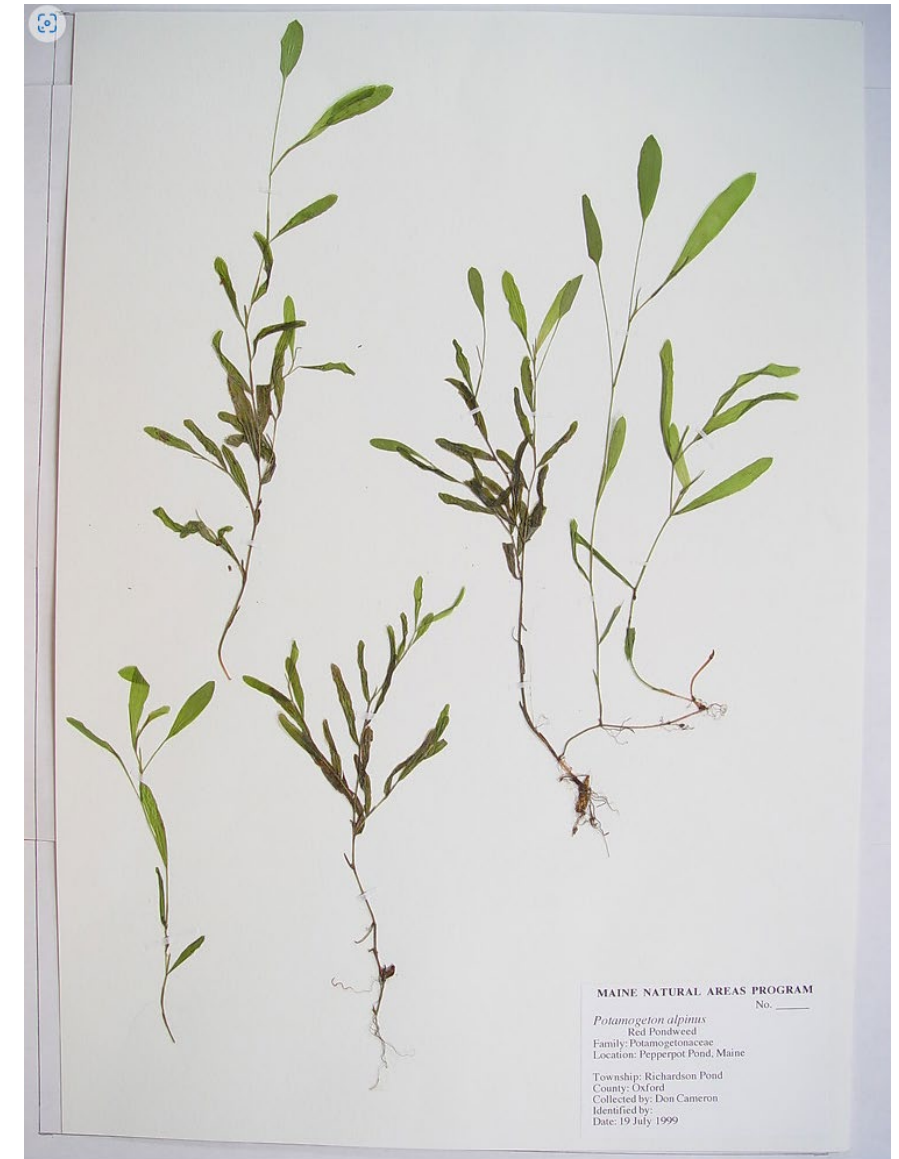


**Caption:** Northern watermilfoil  
(*Myriophyllum sibiricum*)

# Protected Species

## *Potamogeton alpinus*

- Red or Alpine Pondweed
- Listed as Threatened in NYS
- Not in a treatment area
- Low susceptibility to ProcellaCor





# **Public Comment and Review by Others**

# Public Notice

- Shoreline owners notified when application was received, also when application was completed  
(70 letters x 2 = 140 Notifications)
- Environmental Notice Bulletin: Comment Period Ended May 1, 2025
- 9 comment letters received (Representing 12 people)
- Concerns → 1 Letter (1 Person)
- Supportive → 8 Letters (11 People)

# Public Comment

## Concerns (1 Letter)

- General disapproval of pesticides

## Supportive (8 Letters)

- General support
- Positive results elsewhere (Paradox, Lake George, etc.)
- Product is effective and safe
- Benthic mats and hand harvesting have been ineffective
- Support from Paradox Lake resident (RE: Upstream EWM source)



# Review by Others

- NYS DEC
  - Bureau of Pesticides Application Submitted February 2025

# Draft Permit 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

- a. that the project authorized as conditioned herein will be consistent with the Adirondack Park land use and development plan; and
- b. that the project authorized as conditioned herein 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
- c. the economic, social and other benefits to be derived from the activity proposed and as conditioned herein compel a departure from the guidelines of 9 NYCRR Part 578.10(a)(1), in order to secure the natural benefits of wetlands associated with the project, consistent with the general welfare and beneficial economic, social, and agricultural development of the state





**Adirondack  
Park Agency**