

Gleason Lake Improvement Association



2025 Spring Open Membership Meeting

Welcome! We will start at 7:00pm



**Will Hornseth
Janice Stingle**

02/27/2025

Agenda

- **Board Members**
 - Introduction
 - Open Positions
- **Donations**
- **Financial Year in Review**
- **Weed Control**
 - Shoreline
 - MAC Form and Information
 - Main Lake Treatment
 - Process and Strategy
- **Purple Loosestrife**
- **Boater Information**
 - Lake Access
 - No Wake Zone
- **Aeration Update**
- **Questions**

GLIA Introduction

- The mission of Gleason Lake Improvement Association (GLIA) is to improve and preserve the beauty and quality of Gleason Lake and its watershed for the present and future.
- Primary Tasks
 - Invasive Species Management (Weed Control)
 - Winter Aeration
 - Community Outreach / Engagement
 - Administrative
- GLIA Board is a 100% volunteer neighborhood group using the power of numbers to make a difference

What is GLIA?	
GLIA <u>IS</u>	GLIA IS <u>NOT</u>
<ul style="list-style-type: none">•Volunteers•Neighbors•Non-profit organization•Resource to information and action	<ul style="list-style-type: none">•Homeowner's Association•DNR, Police, Coast Guard or Sheriff•Company or Corporation•Governing Body (no jurisdiction)

Board Members

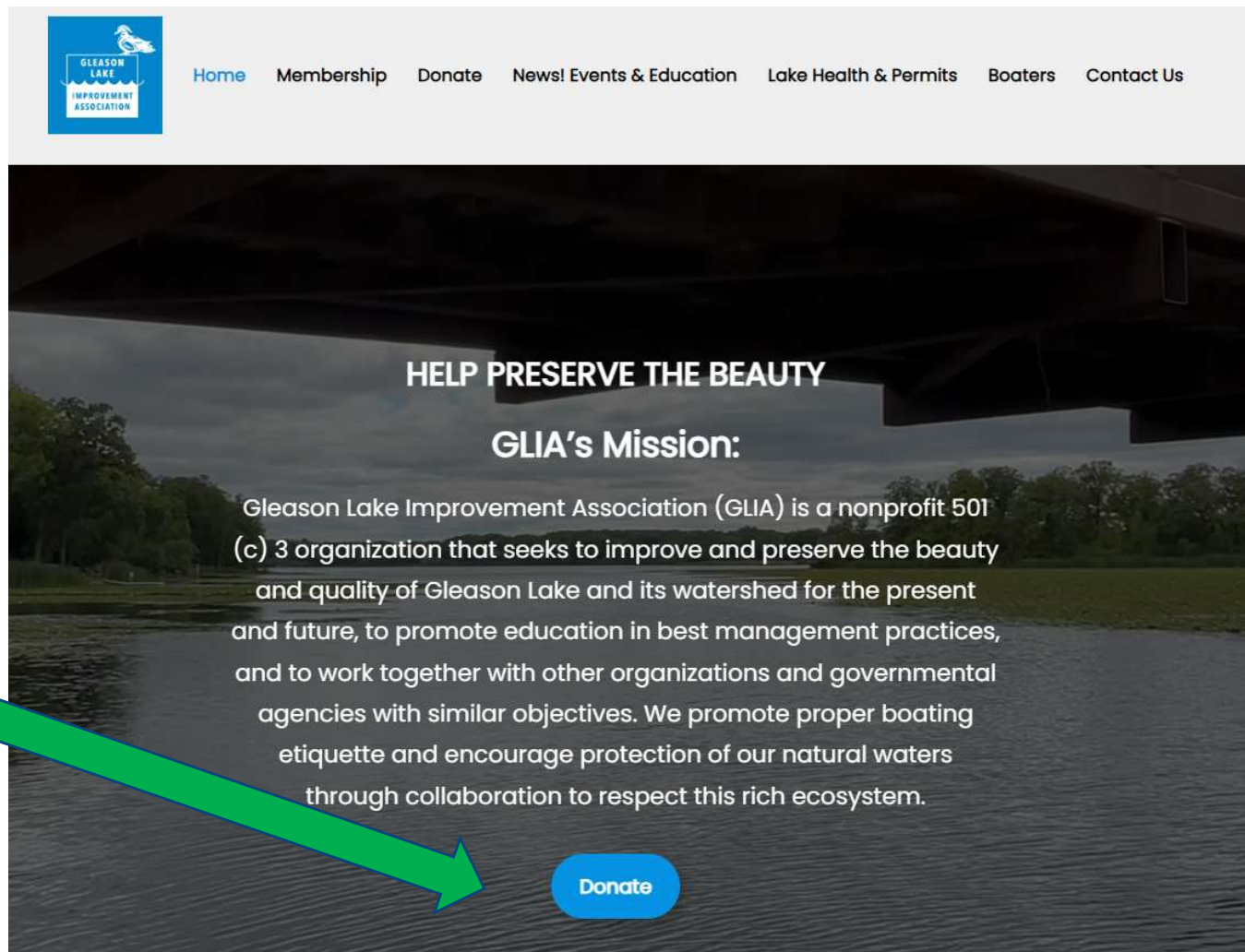
- **Board Members**

- Will Hornseth – President
- Janice Stingle – Vice President
- Laura Anderson – Secretary
- Darin Norman – Treasurer
- Jay Anderson – Past President
- Lee Wallace – Weed Management
- Lindsay Johnson – Board Member
- Rachelle Smith – Board Member
- Ken Campbell – Honorary
- *Open Position*

- **Open Positions are available**

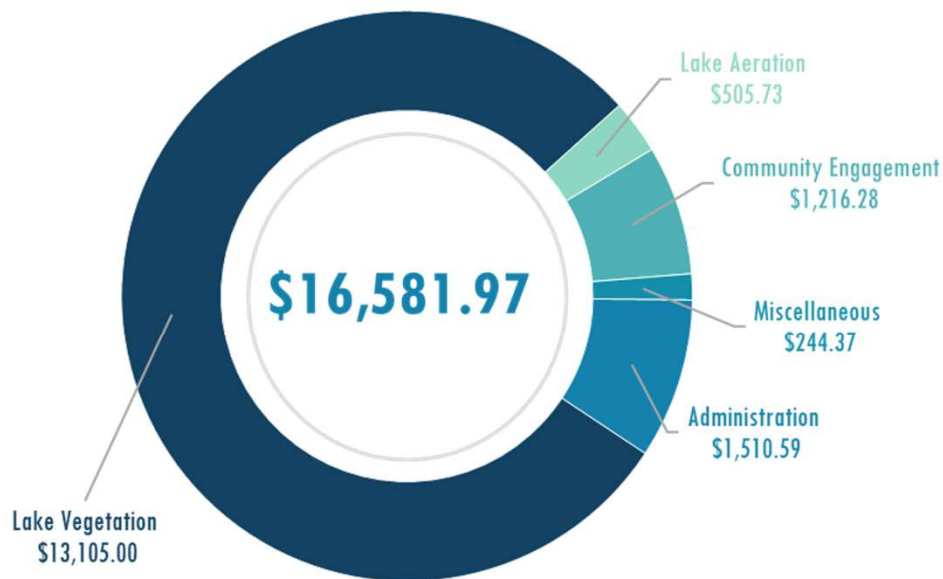
Donations

- Spring donation drive is active
- Visit gleasonlake.org for more info
- Look into employer match with your workplace



Financial Year in Review

GLEASON LAKE IMPROVEMENT ASSOCIATION 2024 ANNUAL REPORT



SPENDING BY CATEGORY 1/1/2024 TO 12/31/2024

Administration \$1,510.59

Insurance \$731
Office Supplies \$298.44
Publicity \$481.15

Lake Aeration \$505.73

Electricity \$189.35
Maintenance \$265.18
PSA Notices \$51.20

Lake Vegetation \$13,105

Inspection \$2,400
Treatment \$9,375
Permit \$1,330

Community Engagement \$1,216.28

Donations \$1,200
Development \$16.28

Miscellaneous \$244.37

Events \$244.37

OVERALL TOTAL \$16,581.97

33

HOMEOWNERS
TREATED FOR
WEEDS

63

INDIVIDUALS
DONATED TO
GLIA

22nd

OF DECEMBER
AERATORS WERE
ACTIVATED

160

ACRES OF WATER
ON GLEASON
LAKE

11

BOARD
MEETINGS WERE
HELD

3rd

OF MARCH ICE
OUT DECLARED

9

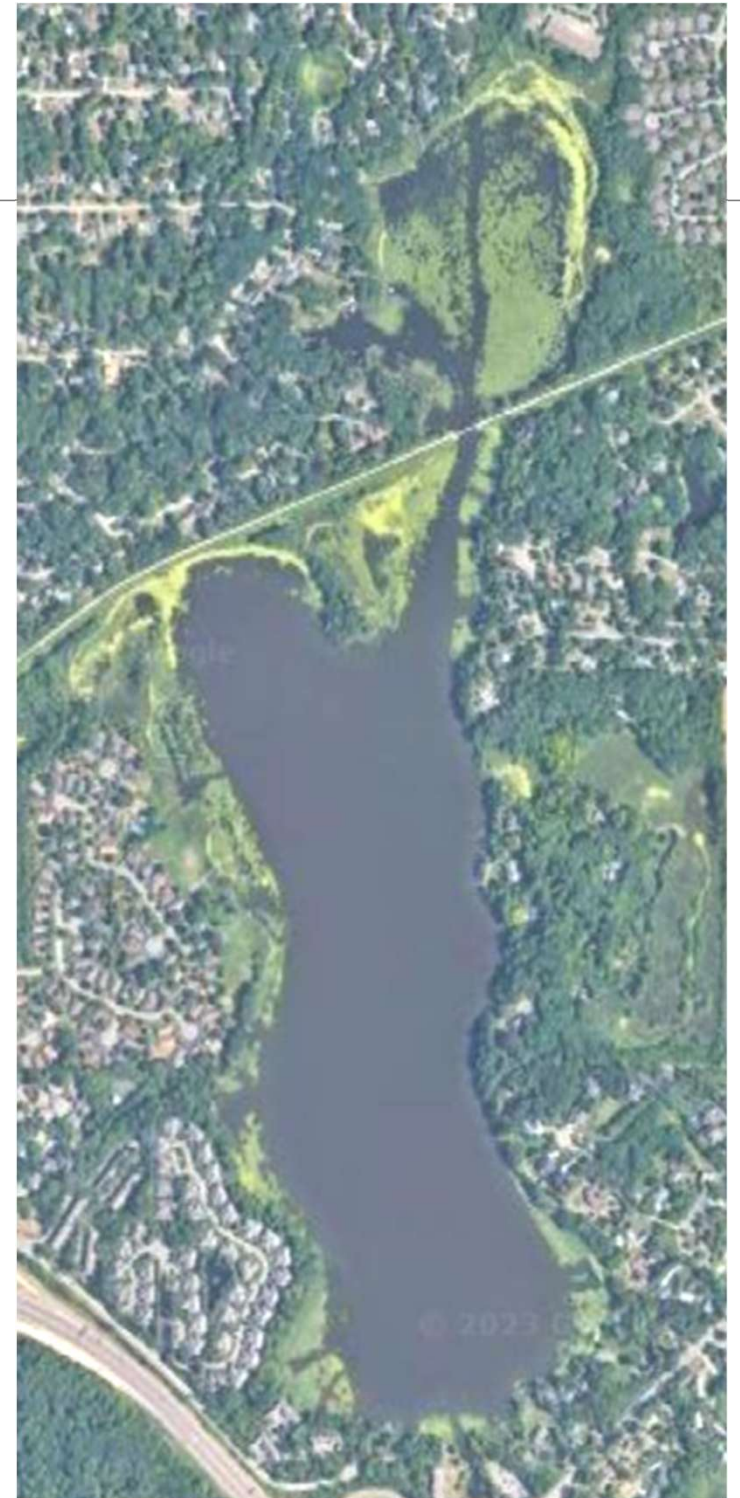
ACRES OF
CURLY-LEAF
POND WEED
TREATED

Weed Control – Overall

- Gleason Lake has an average depth of 5 feet
 - “Weed free” is an unreasonable expectation
 - Lily Pads are federally protected



View of North Bay on 7/21/2023



Weed Control - Overall

- MAC utilizes chemical treatments
 - Tribune & Copper Sulfate
 - Common lake, pond, and golf course herbicide
- DNR permitted and regulated
- Manual pulling and harvesting have been explored



Notice

This area was chemically treated
on July 13, 2023 with Tribune & Copper Sulfate
name of chemical
DNR permit no. 18F-3A823 This notice
must remain in place until: 5 Days

SWIMMING ☒ No restriction.
☐ Do not swim in treated area until _____

DRINKING WATER ☒ No restriction.
☐ Do not drink water from treated area until 3 Days

DOMESTIC USES ☒ No restriction.
☐ Do not use water from treated area for drinking
or any other domestic purposes until 1 Day

FISH CONSUMPTION ☒ No restriction.
☐ Do not take fish from the treated
area for food or feed until _____

IRRIGATION ☒ No restriction.
☐ Do not irrigate food crops with
water from the treated area until 5 Days
☒ Do not irrigate ornamentals
with water from the treated area until 5 Days
☒ Do not irrigate turf from the treated
water area until 3 Days

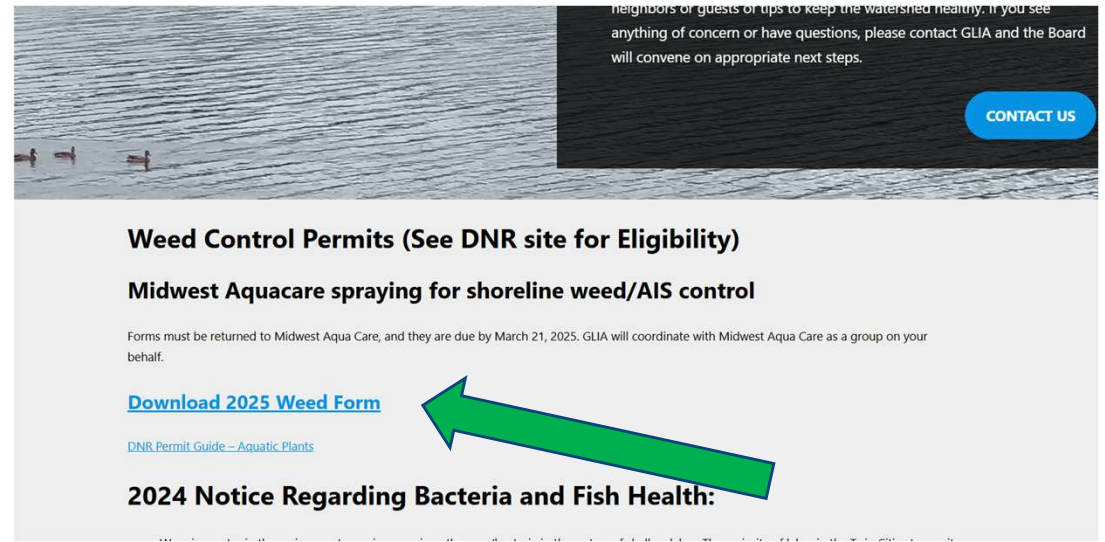
LIVESTOCK WATERING ☒ No restriction.
☐ Do not water livestock with
water from the treated area until 1 Day

Treated By: _____
ARROWHEAD AQUA CARE
1824 W 300th St
Jordan, MN 56053
952-922-5679

Minnesota Department of Natural Resources

Weed Control - Shoreline

- Shoreline
 - No payment up front. MAC will bill.
 - Requirements
 - Unique Properties
 - MAC Form
 - DUE MARCH 21st!
 - MAC Treatment Options



neighbors or guests or tips to keep the watershed healthy. If you see anything of concern or have questions, please contact GLIA and the Board will convene on appropriate next steps.

CONTACT US

Weed Control Permits (See DNR site for Eligibility)

Midwest Aquacare spraying for shoreline weed/AIS control

Forms must be returned to Midwest Aqua Care, and they are due by March 21, 2025. GLIA will coordinate with Midwest Aqua Care as a group on your behalf.

[Download 2025 Weed Form](#)

[DNR Permit Guide - Aquatic Plants](#)

2024 Notice Regarding Bacteria and Fish Health:

WHAT WE DO Two Treatments: Early And Mid Season	WHEN WE DO IT	WHAT WE CHARGE
First of two treatments: For submerged weeds and algae.	May / June	\$275 Per Treatment
Second of two treatments: For submerged weeds and algae.	July / August	\$275 Per Treatment.
<i>Optional</i> - Swimmers Itch Treatment Applied at time of weed treatments.	During the 1st & 2nd Treatments	\$65 per Shoreline
<i>Optional</i> - Premium Weed Treatment. *Additional chemicals added	During the 1st & 2nd Treatments	\$250 per Shoreline
<i>Optional</i> - Lily Pad Treatment	During the 1st & 2nd Treatments	\$200 per Shoreline

Weed Control - Shoreline



DEAR LAKE RESIDENTS:

Midwest Aqua Care is now scheduling services for aquatic weed and algae control at your lake. As Minnesotans, we pack a lot of fun into our summers, we'll help you keep it that way! We offer a two-treatment program for seasonal control of aquatic weeds and algae. We apply EPA registered aquatic herbicides and algaecides.

Please return the sign up form by mail or email to: sales@midwestaquacare.com

2025 Lake Weed Two Treatment Program

CONTROLS - Curly-Leaf Pondweed / Eurasian Watermilfoil / Most Native Submerged Weeds / Shoreline Algae

Gleason

WHAT WE DO Two Treatments: Early And Mid Season	WHEN WE DO IT	WHAT WE CHARGE
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Optional - Swimmers Itch Treatment Applied at time of weed treatments.	During the 1st & 2nd Treatments	\$65 per Shoreline
Optional - Premium Weed Treatment. *Additional chemicals added	During the 1st & 2nd Treatments	\$250 per Shoreline
Optional - Lily Pad Treatment	During the 1st & 2nd Treatments	\$200 per Shoreline

Submerged Weed and Algae Control Policy: Treatments will control most native plant types including invasive weeds like: Eurasian Watermilfoil and Curly-Leaf Pondweed. Plant re-growth can occur and/or other plants may repopulate the control site. Two treatments will minimize re-growth. Resistant plants include vallisneria, clasp-leaf and large-leaf (cabbage weed). If results are not satisfactory, contact us 12 to 16 days post treatment to reevaluate treatment options. No guarantee is offered, however, Midwest Aqua Care, Inc. understands the value of our long-term relationship and your satisfaction and will administer the best practices and products to achieve the

Please fill out sign up form and return by: 03/21/2025

Forms returned after 03/21/2025 will be charged an additional **\$25 processing fee**

Your signature is required on the DNR Application for permit processing.

MIDWEST
AquaCare 1924 200th St. West
Jordan, MN 55352
USA
952-403-6879
sales@midwestaquacare.com

Signup Form

Gleason

Summer 2025

Description for

Include house color and any notable lakeside landmarks, boat types, canopy color and/or update any changes to the description below.

Please diagram desired treatment area below:

Neighbor's Name

Neighbor's Name

TWO TREATMENTS INCLUDED

Please Check Box(es) For Additional Services:

- ☐ Two Treatments: \$550 Per Season
☐ Premium Treatment *additional chemicals \$250
☐ Swimmers Itch Treatment: \$65 per season
☐ Lily Pad Treatment: \$200 per season

~~\$45 DNR FEE billed with invoice~~

I have reviewed the costs and the submerged weed and algae control policy on the informational program sheet.

Signature _____

Return This Form by: **3/21/2025**

Forms returned after deadline will be subject to an additional \$25 processing fee.

* Required > Shoreline feet owned _____

* Required > Shoreline feet to be treated _____

DO YOU IRRIGATE WITH LAKE WATER? **YES** **NO**

*You will be notified via e-mail to turn off IRR system.

Your signature and date are required on application to apply for DNR Permit.

APPLICATION FOR A PERMIT TO CONTROL: AQUATIC PLANTS, ALGAE, SWIMMER'S ITCH, AND LEECHES

Applicant's Name (First, MI, Last)	Day Time Phone Number	Day Time Phone Number
Lake Home Address (# and Street, RFD, Box #, City, State, Zip Code	Fire #/ 911 #	Lake Residence Phone Number
Permanent Mailing Address (Indicate if it is the same as above)	E-mail Address	
SIZE OF AREA PROPOSED TO BE TREATED: My property extends _____ ft. Proposed treatment area extends << >> ft along shore by << >> ft lakewar, out to a depth of _____ feet and/or a channel _____ feet long and _____ feet in width extending to open water.		

By signing this form I hereby make application for a permit to destroy or control aquatic vegetation or aquatic nuisance as described above. I understand that the control of aquatic nuisances, including destruction of aquatic plants and algae, is subject to rules of the Commissioner of Natural Resources. I understand that an Aquatic Plant Management Specialist may wish to inspect the proposed treatment area before, during, and/or after work is completed and that by making this application I give permission to the specialist to enter my property to make such inspection at reasonable times. I understand that an annual report will be required on results achieved.

Completion of this form and processing of the accompanying application fee does not constitute obtaining a permit

Applicants Signature	Date
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Weed Control - Shoreline

– MAC Form (Top Half)

<div style="display: flex; align-items: center;"><div style="text-align: center;"><small>MIDWEST</small> AquaCare</div><div style="margin-left: 10px;"><small>1924 200th St. West Jordan, MN 55352 USA 952-403-6879 sales@midwestaquacare.com</small></div></div>	<h2 style="margin: 0;">Signup Form</h2>
<h3 style="margin: 0;">Gleason</h3> <p style="margin: 0;">Summer 2025</p>	
<div style="border: 1px solid black; height: 80px; margin-top: 10px;"></div>	
<p>DESCRIPTION FOR Include house color and any notable lakeside landmarks, boat types, canopy color and/or update any changes to the description below.</p>	
<p>TWO TREATMENTS INCLUDED <i>Please Check Box(es) For Additional Services:</i></p> <div style="margin-top: 5px;"><input type="checkbox"/> Two Treatments: \$550 Per Season</div> <div style="margin-top: 5px;"><input type="checkbox"/> Premium Treatment *additional chemicals \$250</div> <div style="margin-top: 5px;"><input type="checkbox"/> Swimmers Itch Treatment: \$65 per season</div> <div style="margin-top: 5px;"><input type="checkbox"/> Lily Pad Treatment: \$200 per season</div> <div style="margin-top: 5px;">\$45 DNR FEE billed with invoice</div> <p style="margin-top: 10px;">I have reviewed the costs and the submerged weed and algae control policy on the informational program sheet.</p> <div style="border-top: 1px solid black; height: 20px; margin-top: 10px;"></div> <p style="margin-top: 5px;">Signature</p>	<p>PLEASE DIAGRAM DESIRED TREATMENT AREA BELOW:</p> <div style="border: 1px solid black; height: 150px; margin-top: 10px;"></div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"><div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;">Neighbor's Name</div><div style="writing-mode: vertical-rl; font-size: small;">Neighbor's Name</div></div>
<div style="display: flex; justify-content: space-between;"><div style="width: 40%;"><p>Return This Form by: 3/21/2025</p><p>Forms returned after deadline will be subject to an additional \$25 processing fee.</p></div><div style="width: 60%;"><p>* Required > Shoreline feet owned _____</p><p>* Required > Shoreline feet to be treated _____</p><p>DO YOU IRRIGATE WITH LAKE WATER? YES NO</p><p style="font-size: x-small;">*You will be notified via e-mail to turn off IRR system.</p></div></div>	

Weed Control - Shoreline

– MAC Form (Bottom Half)

Your signature and date are required on application to apply for DNR Permit.

APPLICATION FOR A PERMIT TO CONTROL: AQUATIC PLANTS, ALGAE, SWIMMER'S ITCH, AND LEECHES

Applicant's Name (First, Mi, Last) Name:	Day Time Phone Number	Day Time Phone Number
Lake Home Address (# and Street, RFD, Box #, City, State, Zip Code)	Fire #/ 911 #	Lake Residence Phone Number
Permanent Mailing Address (Indicate if it is the same as above) Address:	E-mail Address	
SIZE OF AREA PROPOSED TO BE TREATED: My property extends ____ ft. Proposed treatment area extends << >> ft along shore by << >> ft lakewar, out to a depth of ____ feet and/or a channel ____ feet long and ____ feet in width extending to open water.		

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Completion of this form and processing of the accompanying application fee does not constitute obtaining a permit

Applicants Signature	Date
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SIGN AND DATE IS CRITICAL!

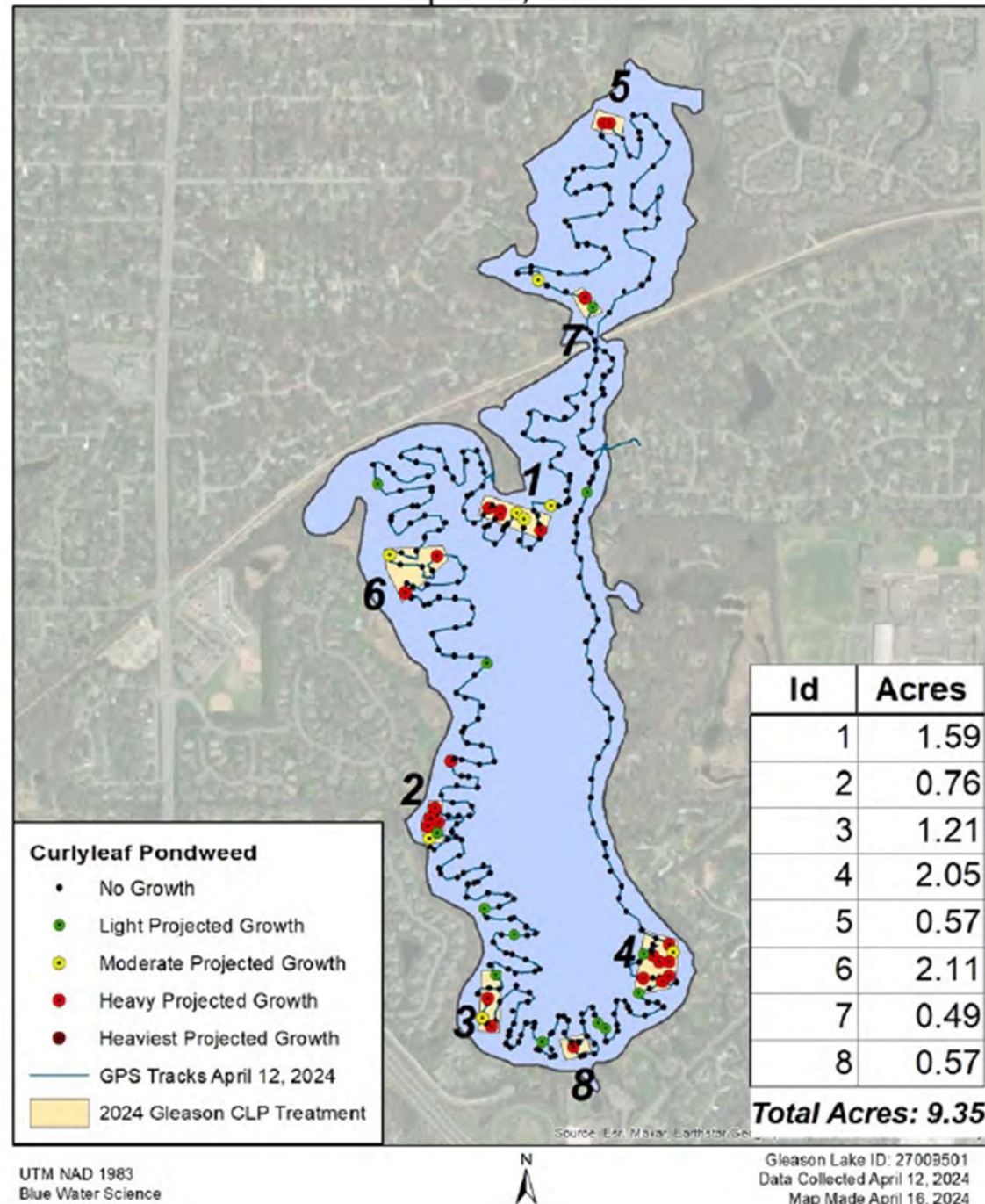
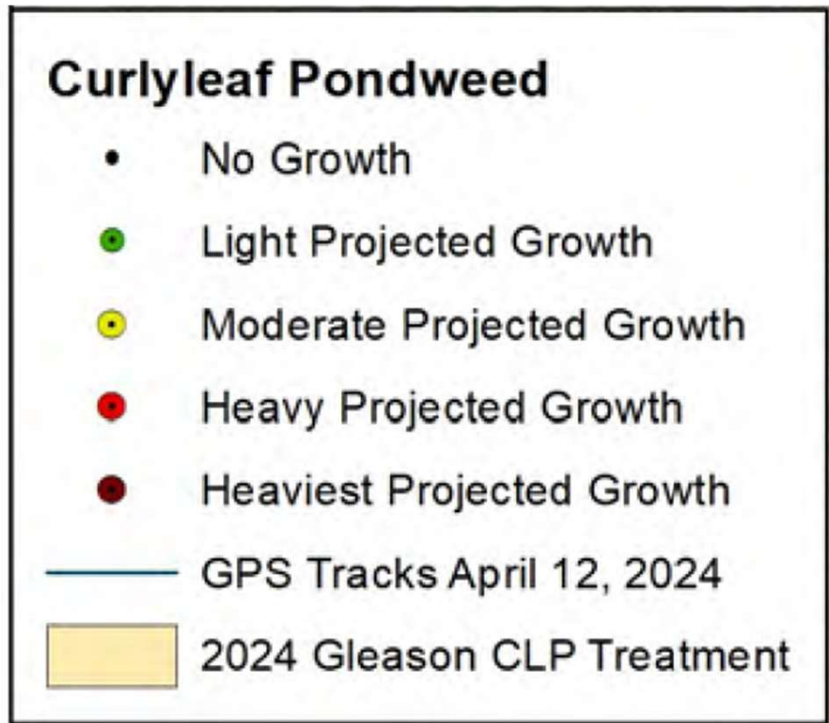
Weed Control – Main Lake

- Main Lake Treatment
 - Process and Strategy
 - Blue Water Science
 - Minnesota DNR
 - Midwest Aqua Care
 - Blue Water Science Followup
- Paid for with GLIA donations



Weed Control – Main Lake

- Main Lake Treatment Plan
- 2024 Example
- Mapping addresses invasive species (not algae, duckweed, or lily pads)



Purple Loosestrife - Bio Control

- Partnered with Bolton & Menk
- Beetles are strategically placed and feed on Purple Loosestrife
- Approximately 15,000 beetles reared and released in 2024
- Part of a 5-year treatment plan
- Ongoing



2024 Treatment Areas

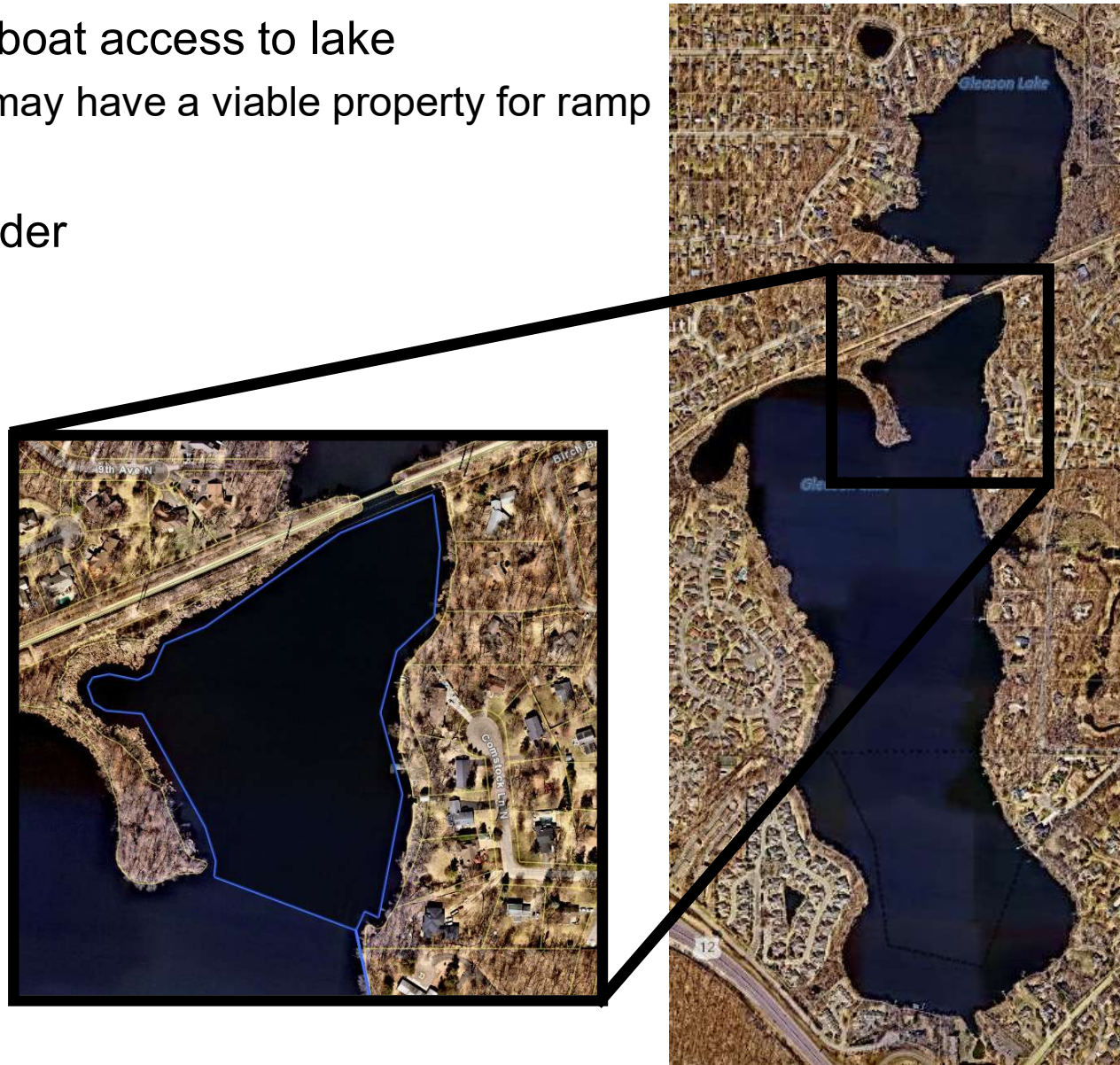
Release Locations



Number of Beetles Placed on Site	Position of Release on Map
12 pots	Stars indicates release location

Boater Information

- Currently no “official” boat access to lake
 - Contact GLIA if you may have a viable property for ramp
- Lake Etiquette Reminder
 - Low Wake Zone
 - Aeration Buoys
 - Shoreline
- Gleason Lake is fully recreational
 - Balance diverse uses
 - Boating
 - Fishing
 - Water Sports
 - Kayak/Canoe
 - View/Tranquility



Aeration Update

- Why is there open water on Gleason Lake during winter months?



Questions

