



VILLAGE OF TWIN LAKES

105 East Main Street P O Box 1024 Twin Lakes, Wisconsin 53181
Phone (262) 877-2858 Fax (262) 877-4019

AGENDA

LAKE PROTECTION AND REHABILITATION DISTRICT COMMISSIONERS' MEETING

March 20, 2023

FOLLOWING THE REGULAR BOARD MEETING

1. Call To Order
2. Pledge of Allegiance
3. Roll Call
4. Consideration of a Motion to approve minutes from the January 16, 2023 Lake Protection and Rehabilitation District Commissioners' Meeting.
5. Consideration of a motion to approve a work order with Wisconsin Lake and Pond Resource LLC for 2023 lake weed treatment in an amount not to exceed \$11,531.00
6. Adjourn

ROLL CALL:

ANDRES, Barb
BOWER, Sharon
KASKIN, Bill
FITZGERALD, Kevin
KAROW, Aaron
PERL, Ken
SKINNER, Howard

AGENDA COPIES TO:

MIGON, Tony
POETKER, Bill
BECKER, Pam/Skinner, Vicki
NEAL, Bryan
WAHLER, Rich
VACANT
Newspapers
Post

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NOTICE IS HEREBY GIVEN THAT A MAJORITY OF THE VILLAGE BOARD AND/OR LAKE PROTECTION AND REHABILITATION DISTRICT BOARD OF COMMISSIONERS OR OTHER RELATED GOVERNMENTAL BODIES MAY BE PRESENT AT THIS MEETING TO GATHER INFORMATION ABOUT A SUBJECT OVER WHICH THEY HAVE DECISION MAKING RESPONSIBILITY. NO ACTION WILL BE TAKEN BY ANY GOVERNMENTAL BODY AT THIS MEETING OTHER THAN THE GOVERNMENTAL BODIES SPECIFICALLY REFERRED TO IN THIS INSTANT NOTICE. THIS CONSTITUTES A MEETING OF THE VILLAGE BOARD PURSUANT TO STATE EX REL BADKE VS. GREENDALE VILLAGE BOARD, 173 WIS 2D 553, 494 NW 2D 408 (1993), AND MUST BE NOTICED AS SUCH.

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4.)

LAKE PROTECTION & REHABILITATION DISTRICT COMMISSIONERS' MINUTES

January 16, 2023 – Following the Regular Board Meeting
Village Hall, 105 E. Main Street, Twin Lakes, WI

CALL TO ORDER AT 7:30 PM BY PRESIDENT HOWARD SKINNER/PLEDGE OF

ALLEGIANCE/ ROLL CALL: Present: Trustees Barb Andres, Sharon Bower, Kevin Fitzgerald, Aaron Karow, Bill Kaskin, Ken Perl, President Howard Skinner. Also Present: Administrator Laura Roesslein, Village Engineer Greg Droessler, Clerk Sabrina Waswo.

Skinner/Andres Motion to approve minutes from the August 15, 2022 Lake Protection and Rehabilitation District Commissioners' Meeting. Motion carried unanimously.

Discussion and possible action regarding the channel between Lake Mary and Lake Elizabeth

Tony Migon explained there are issues causing a backup on Lake Elizabeth. There is a cement structure that has been there for many years. Pictures from the 1920's and 30's show it as a water wheel. The Steering Committee recommended using funds to have an attorney research who actually owns the property and have the Village Engineer see if it is feasible to remove it or not.

Discussion followed on if it can be removed and possible ramifications such as sand and seaweed building up. Tony noted a lot of sand backs up on that structure, and someone needs to clean it out on a regular basis. Board questioned why this is being discussed as a lot of money has already been put into this channel. here is a picture from 1945, with the dam showing boarders on either side so the sand would not flow in. The two walls are now gone and there are boulders replacing them. The boulders should not be there and were added at a later date. Vegetation has built up around them and is impeding the flow and navigable use.

Trustee Fitzgerald stated the whole premise is wrong. To keep water moving and keep channel open, they build wing dams to narrow water to move it faster and keep it cleaner. Fitzgerald was not in agreeance with this as it does create a possibility that Lake Mary would be at a lower level than ever. He does not have a problem looking into it but feels we should look into different channels.

Trustee Karow recommended putting effort into figuring out an economical way to remove the concrete. The Steering Committee was hesitant as they don't want to remove anything they shouldn't be moving. Karow asked if they can contact the DNR to get them to put in writing that this is an impediment. Discussed digging out the sand and pieces of concrete but DNR will not allow a mini or regular excavator on the water. President Skinner noted the vegetation was required to be put in per our ordinance. Board consensus was to deny funding.

Discussion and possible action regarding funding for the East Lakeshore Drive project

Skinner/Andres motion to use any funds available to use for the storm water project. The 2023 Lake District storm water budget is \$50,000. Motion carried unanimously.

ADJOURN

Skinner/Bower motion to adjourn at 8:19 p.m. Motion carried unanimously.

/s/Sabrina Waswo, Village Clerk



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Aquatic Herbicide and Algaecide Applications
Lake Management Planning and Services
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March 2, 2023

Village of Twin Lakes
Lakes Mary and Elizabeth
Twin Lakes, WI 54948

Sent Via Email: deanandpantodaro@gmail.com
villagadmin@twinlakes.gov

Re: Costs for 2023 Lake Management Activities

Dear Ms. Roesslein and Mr. Todaro:

In response to your request, Wisconsin Lake & Pond Resource, LLC (WLPR), has prepared a cost estimate for comprehensive lake and aquatic plant management services for Lakes Mary and Elizabeth, Kenosha County. This scope of services briefly describes the proposed work plan, anticipated project schedule and estimated project costs. All work would be completed in accordance with applicable federal, state, and local regulations, as outlined below.

Work Scope

These costs include labor, equipment, chemical costs, and direct costs to complete the described work plan. If more than one mobilization is required because DNR does not allow the treatment or it is outside of the allowable label parameters because of weather or other environmental factors, multiple mobilization charges may apply. Chemical and equipment costs are based on the referenced products, application rates and acreages and those costs are fixed as proposed, per unit labor costs generally increase as the treatment area decreases and are subject to change based on the final DNR approved treatment areas and application rates.

TASK 1.0 PREPARE WDNR & NPDES PERMIT APPLICATIONS - 2023

WLPR will prepare the Wisconsin Department of Natural Resources (WDNR) permit application for chemical control using treatment areas and maps created by WLPR with assistance from the Client. Additional attachments required, including a draft legal publication if necessary, will be provided by WLPR to the Village. Any local publishing requirements in local newspaper(s) will be the responsibility of the Village. Once the permit application and riparian owner notifications are completed, they will be submitted to the DNR using the online electronic permit system. The Client is responsible for any WDNR permit fees.

TASK 2.0 EDUCATIONAL MAILING (OPTIONAL) - 2023

A packet of information regarding the proposed treatment will be distributed to riparian property owners consistent with NR107.04 (3) that are located within or adjacent to the permitted application (150') areas. It is assumed that the Client will provide an Excel spreadsheet mailing list of all riparian property owners to WLPR. ***It is also assumed for the purposes of this proposal that this Task will be completed by the lake group,*** and it must be completed at least 15 days prior to the chemical treatment. All pertinent information for notification will be provided by WLPR.

TASK 3.0 HERBICIDE TREATMENT TARGETING GENERAL NAVIGATIONAL NUISANCE SPECIES - 2023

WLPR would treat areas of the Lakes consistent with the permitted application areas for AIS and/or general species causing a navigational nuisance. Initial treatment would in May and during periods of calm wind (<7 mph). If liquid, the herbicide would be injected subsurface through trailing hoses or it may be applied with a forced air blower for granular products. Product by application areas is included below. All products chosen have shown good success in controlling target species throughout Wisconsin.

Some locations of the lakes can see dense growth of native aquatic plant species that may cause a nuisance to navigation. In particular, areas A-D in Lake Elizabeth and area A in Lake Mary were noted as locations that see a navigational nuisance. WLPR will manage these for reduction of nuisance conditions during an initial application at the same time as control actions for EWM. **Many nuisance treatment lanes require multiple control actions throughout the growing season. Follow-up applications may be necessary and may be completed if these areas are noted to be experiencing dense growth later during the summer by the Client.**

All products proposed are registered by the EPA, DATCP, and the WDNR for use in Wisconsin to remove populations of target aquatic plant growth. Areas seeing nuisance growth from non-algal species will be treated with a mixture of the active ingredients flumioxazin, liquid copper, and diquat at rates of 0.125, 0.111, and 0.245 ppm, respectively. All treatment area dimensions and rates are included below.

Lake	Area	Size (ac)	Avg. Depth (ft)	Product	Rate	Target
Elizabeth	A	2	4	flumioxazin:copper:diquat	0.125/0.111/0.245 ppm	EWM/NAV
	B	1.7	3	flumioxazin:copper:diquat	0.125/0.111/0.245 ppm	EWM/NAV
	C	1	4	flumioxazin:copper:diquat	0.125/0.111/0.245 ppm	NAV
	D	1.2	3	flumioxazin:copper:diquat	0.125/0.111/0.245 ppm	NAV
	TOTAL	5.9	---	---	---	---
Mary	A	1.6	3	flumioxazin:copper:diquat	0.125/0.111/0.245 ppm	NAV
	TOTAL	1.6	---	---	---	---

Task 4.0 WHOLE-LAKE POINT INTERCEPT AQUATIC PLANT SURVEYS AND AIS MAPPING - 2023

The last whole-lake surveys for the lakes were completed in 2017. Following recommendations from the 2022 year-end management report WLPR will complete whole lake PI post-treatment surveys using the predetermined grids established by the WDNR. These aquatic plant surveys will be used to determine treatment results, native plant diversity/density, and plan for management into the following year. All of the same points established and surveyed during previous surveys will be sampled following established WDNR protocol. The survey will be scheduled at least 30 days after an EWM treatment. Data collected at each location will include species presence and density, GPS location, depth, and bottom substrate and will then be compiled into the WDNR spreadsheet (WiAPMS.xl). Maps of any AIS sampled and potential 2024 management areas will be created and submitted to the Village in a year-end report.

ESTIMATED COST

Work can begin on this project once a signed contract is received. All field work will be coordinated with the Client and the WDNR. WLPR will work with the Client to ensure the treatment is completed and effective prior to significant use times such as weekends and holidays.

Task 1.0 Prepare WDNR Permit Application and Notices - 2023

Prepare WDNR Permit and Treatment Notices	\$250.00
WDNR Permit Fee for Lake Elizabeth & Lake Mary*	\$246.00
TOTAL COST Task 1.0	\$496.00

Task 2.0 Educational Mailing (optional) Base fee \$250 + \$1.50 each piece mailed = \$Actual Costs

Task 3.0 Herbicide Treatment of EWM and General Nuisance Species- 2023

Navigational Treatment – Elizabeth & Mary Lakes (per event):

Mobilization, equipment, & vehicle/boat cost	\$675.00
Labor: Total Treatment area of 7.5 acres * \$200/acre	\$1,500.00
Liquid flumioxazin, diquat & copper to Areas A-D and Lake Mary	\$2,710.00
Subtotal Cost	\$4,885.00

Task 4.0 Whole-Lake Point Intercept Surveys and AIS Mapping – 2023

Labor Cost – survey of both lakes	\$4,000.00
Mobilization, equipment, and vehicle/boat charge	\$1,350.00
Mapping, report, & data entry	\$800.00
Subtotal Cost	\$6,150.00

Total Costs Tasks 1.0-4.0 - 2023 **\$11,531.00**

*** WDNR permit fee includes an on-line convenience fee of 2.5% as charged by the WDNR. Treatment record(s) will be completed at no cost.**

WLPR offers our clients a complete package of insurance including statutory liability, comprehensive general liability, automobile liability, errors and omissions and pollution liability. A copy of which is available upon request, or execution of this contract. A copy of regulatory and/or lake client references is available upon request.

PAYMENT TERMS & CONDITIONS

Payment for services and expenses are due upon receipt, and will accrue interest after 30 days. Final reports will be withheld until all payments are made in full. Invoices for the services performed will be submitted either upon completion of such services or on a monthly basis. Refer to the attached Agreement for additional terms and conditions.

We are pleased to submit this proposal and trust this information meets your needs. The above-stated fee proposed for this scope of services is valid for 90 days from the date of this proposal and are subject to annual adjustments. Upon review and acceptance of the proposal and attached Standard terms and Conditions, please return a signed copy of this Agreement in its entirety via mail, fax or email, keeping one copy for your records.

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Aquatic Herbicide and Algaecide Applications
Lake Management Planning and Services
Pond Design and Development

If you have any questions, or require any additional information, please don't hesitate to contact us at (920) 872-2032 or via email at jim@wisconsinlpr.com. We thank you for this opportunity and look forward to working with you on this project.

Sincerely,



Jim Scharl
Senior Biologist – Lake Services Manager

Terms and Conditions

The following Terms and Conditions are attached to and form part of a proposal for lake management services to be performed by Wisconsin Lake & Pond Resource, LLC (herein after referred to as WLPR) when the Customer authorizes WLPR to proceed with the services, and together with the proposal shall constitute the AGREEMENT. This shall encompass all related lake management services for the Client, unless the Client is already under contract with another provider for additional or similar services at the time of this Agreement.

SERVICE, EQUIPMENT & MATERIAL COSTS: *SEE ATTACHED PROPOSAL FOR A BREAKDOWN OF SPECIFIC COSTS*

Travel, mileage or lump sum mobilization charge per each service date if applicable, will be based on the site location as outlined in the proposal. Additional services that are specifically requested by the Customer, and that are not covered in this contract, will be billed at a flat rate of \$75 - \$100/hour/employee or quoted per project. Any such additional services will be presented to the Customer as a quote and will not commence until the Customer approves the quote for additional services.

BILLING AND TERMS: Balance of payment will be due upon receipt of invoice. A late payment fee of financing charges of 1.5% per month, will be applied to balances more than 30 days past due.

PERMITS: It is understood by both parties that state, federal, and/or local permits may be required prior to performing aquatic management, installation or construction services. WLPR will provide assistance in completing the permit(s) as outlined in the proposal and provide permit applications to the Customer, the Customer hereby agrees and is responsible to sign and submit said permit(s) with the appropriate fees to each required governmental entity prior to commencement of aquatic management services performed by WLPR. The Customer understands and agrees there may be certain liabilities and responsibilities within these permits.

PROFESSIONAL EXPECTATIONS AND LIABILITY: WLPR shall provide professional trained, insured and licensed staff to perform aquatic management, installation or construction services. WLPR staff shall exercise reasonable standard of care and will comply with the labeled requirements of all E.P.A. registered aquatic pesticides pertaining to transportation, application and disposal, and will also post required warning signs that list any water use restrictions indicated on the label. Therefore, WLPR is not liable for personal, environmental or property damages that may occur as a result of applications of aquatic pesticides.

INDEMNITY: Customer agrees to defend, indemnify and hold WLPR harmless against any claim, demands, losses, liabilities, actions, lawsuits, arbitrations, or expenses of whatever nature, that may be brought against WLPR, relating to the management services provided pursuant to this Agreement, with the exception of claims arising directly out of alleged negligent conduct of WLPR's staff while actually performing the services which are the subject of this Agreement.

BUDGET: A budgetary range has been established based on multiple criteria. While the recommended budget is required to successfully manage the described waters, WLPR reserves the right to request an adjustment to the budget amount if there is a change in the scope, size of the management areas, product or application rates. If this results in additional costs to the Customer, a change order identifying the change in scope and associated cost(s) will be submitted in writing to the Customer. Any work and/or services associated with a change order will only commence upon Customer's written acceptance of the change order.



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ENVIRONMENTAL LOSS: While WLPR staff shall make every effort to reduce the risk of loss of non-target aquatic life, including fish, this risk remains inherent with any aquatic management, installation or construction services. Therefore WLPR is not liable for any non-target loss, the Customer understands and accepts the risks associated with potential aquatic management activities.

SITE ACCESS: Customer agrees to provide a suitable vehicle access and boat launch to Customer's waters, if there is a fee to launch the Customer agrees to waive (if possible) or alternatively reimburse said launch fees, as part of the project costs billed to the Customer. In the absence of suitable access and launch, WLPR shall not be liable for damages done to lawns, shorelines or other property that may occur during access to the waterway.

TERMINATION: Either party may termination this agreement without cause upon 30 days written notice. Upon termination by either party, the Customer shall pay all outstanding fees for services render under this agreement to the effective date of termination.

WARRANTY: Aquatic Applications - given the numerous environmental variables associated with aquatic applications, no product performance guaranty or warranty, other than those provided by the manufacturer, are given or implied. Motors, electrical equipment, and components – warranties vary on these items due to different manufacturers. Please inquire with WLPR regarding specific warranties.

CUSTOMER AUTHORIZATION: The attached Proposal (and/or subsequent work orders or task revisions) and above Terms and Conditions are satisfactory and are hereby accepted. WLPR is authorized to perform all of the work as described.

WLPR Representative:  Date: 03/02/2023

Customer: _____ Date: _____

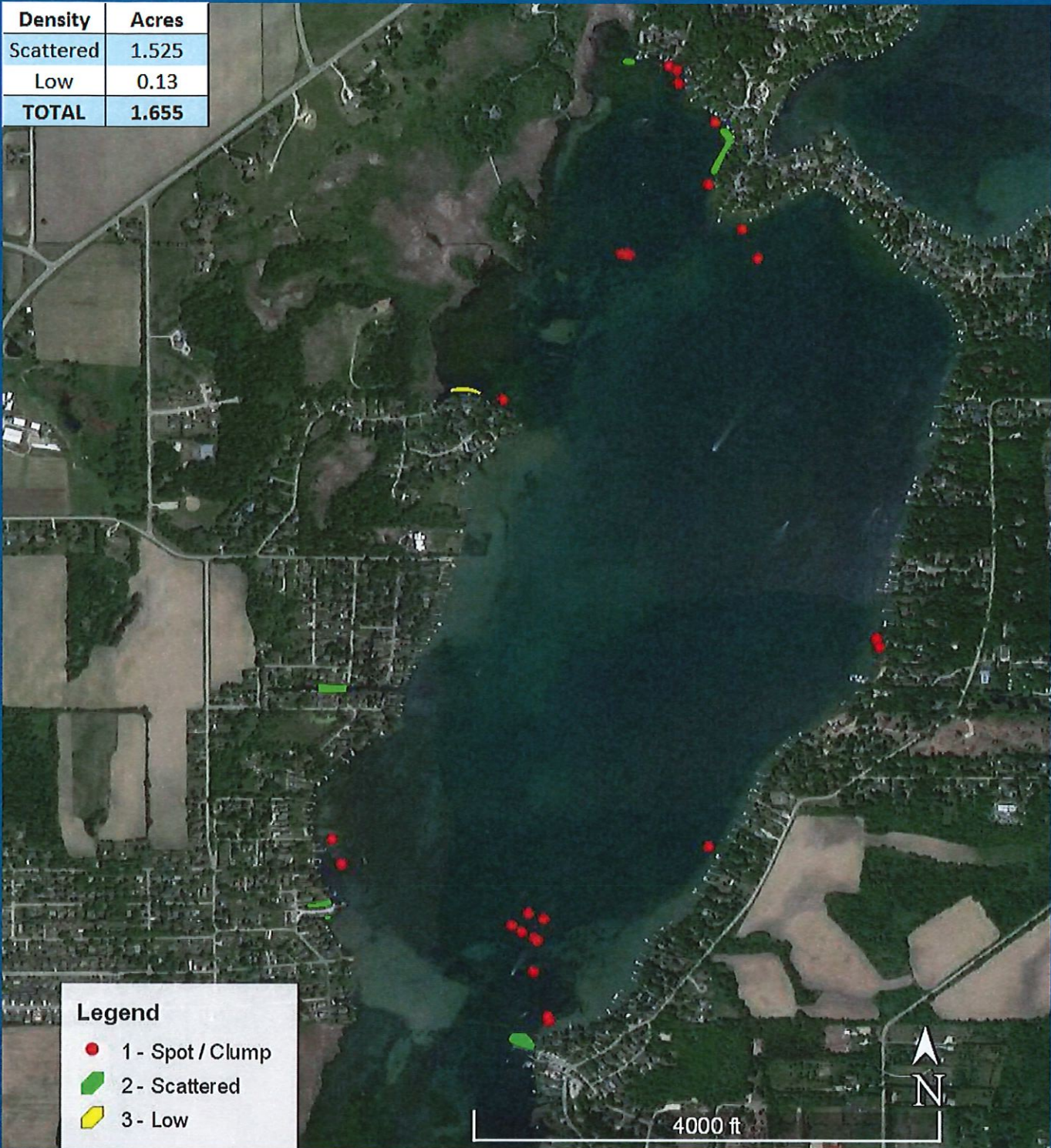
Authorized Representative Signature: _____

Customer Contact Name (Printed): _____

Email: _____ Phone Number: _____

Customer Billing Address: _____

Density	Acres
Scattered	1.525
Low	0.13
TOTAL	1.655



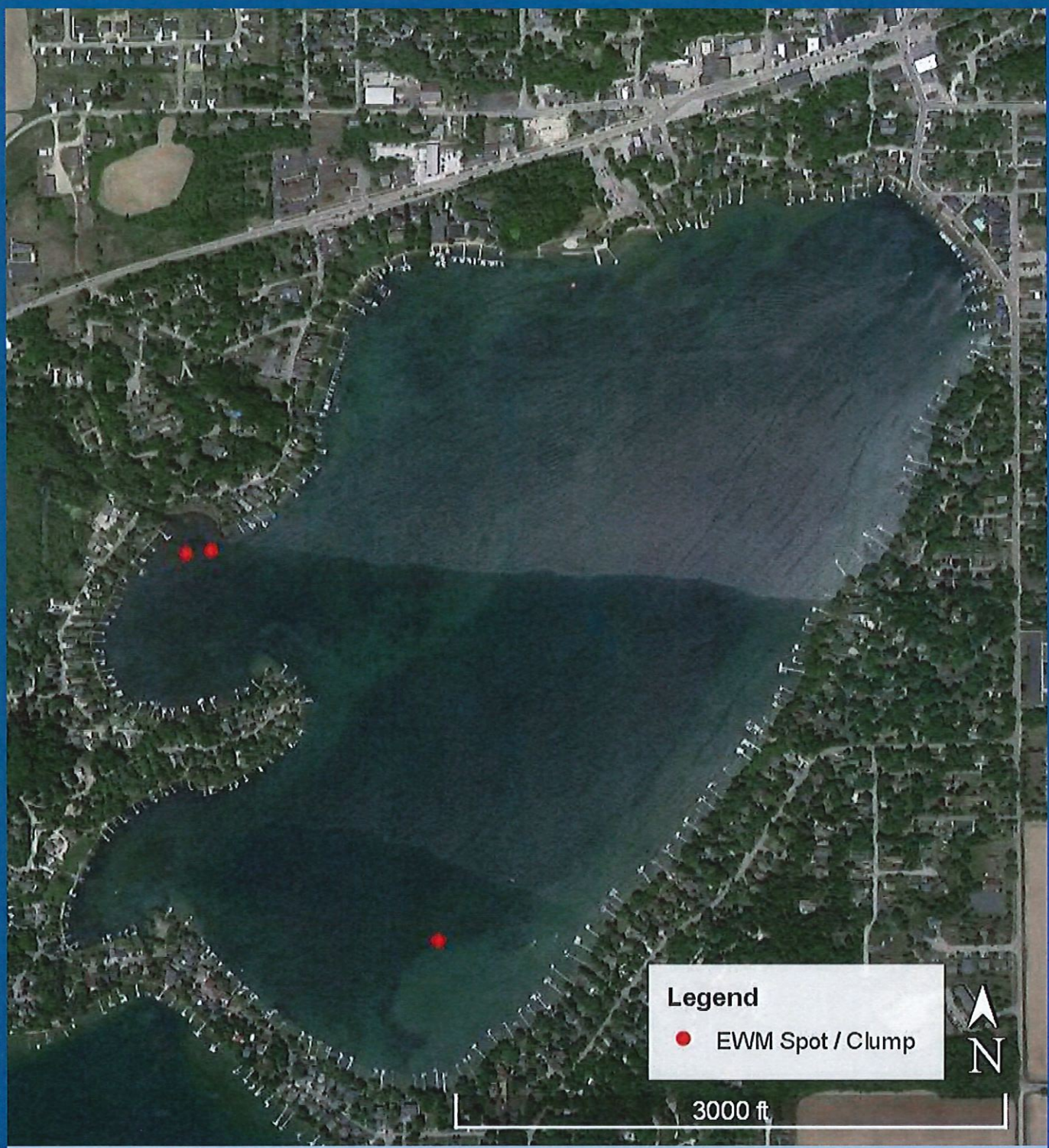
Legend

- 1 - Spot / Clump
- 2 - Scattered
- 3 - Low

2022 Eurasian Water-milfoil Locations

Wisconsin
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Elizabeth Lake
 Kenosha County, WI
 Surveyed: August 24, 2022

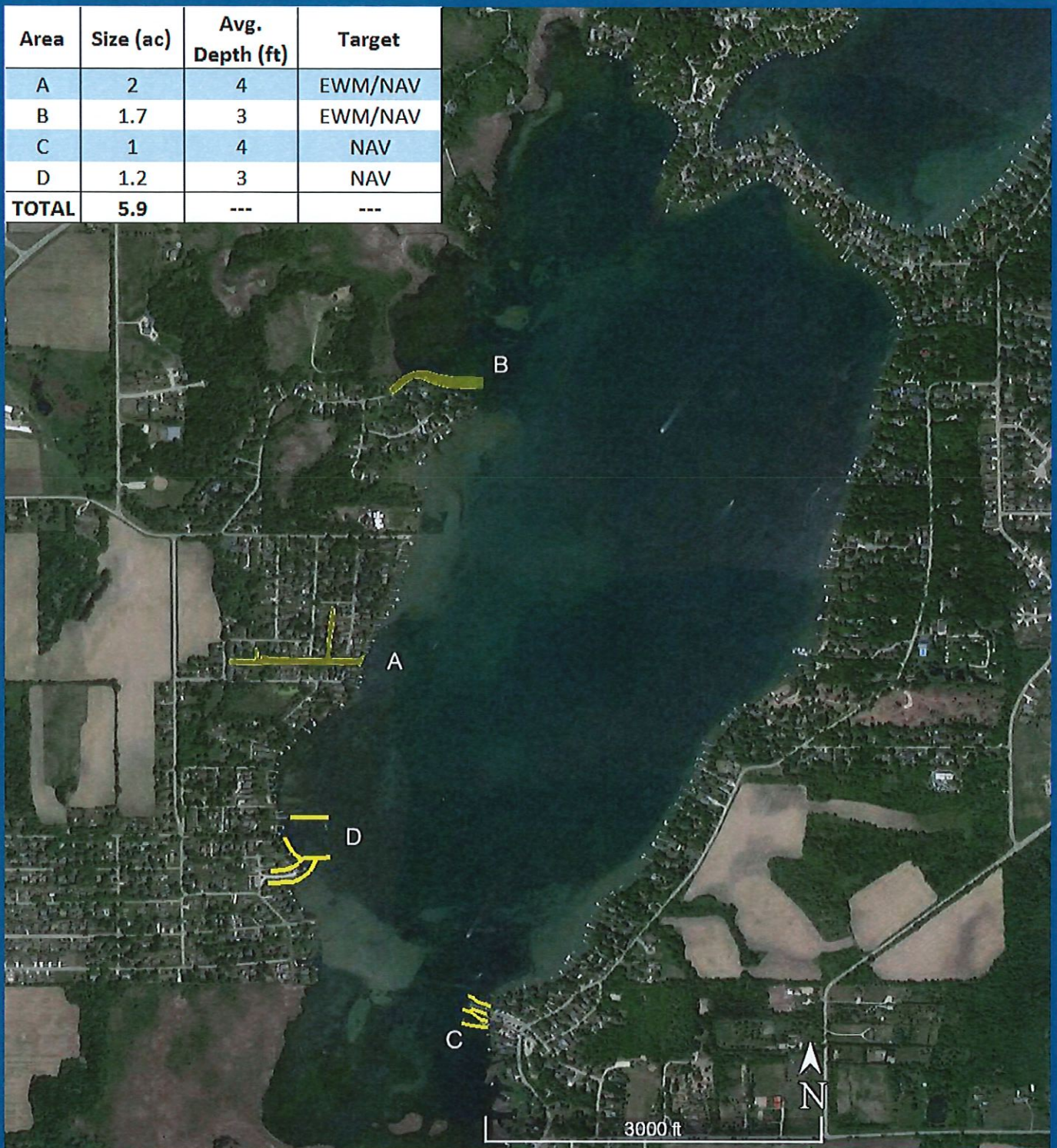


2022 Eurasian Water-milfoil Locations

 Wisconsin
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Lake Mary
Kenosha County, WI
Surveyed: August 24, 2022

Area	Size (ac)	Avg. Depth (ft)	Target
A	2	4	EWM/NAV
B	1.7	3	EWM/NAV
C	1	4	NAV
D	1.2	3	NAV
TOTAL	5.9	---	---

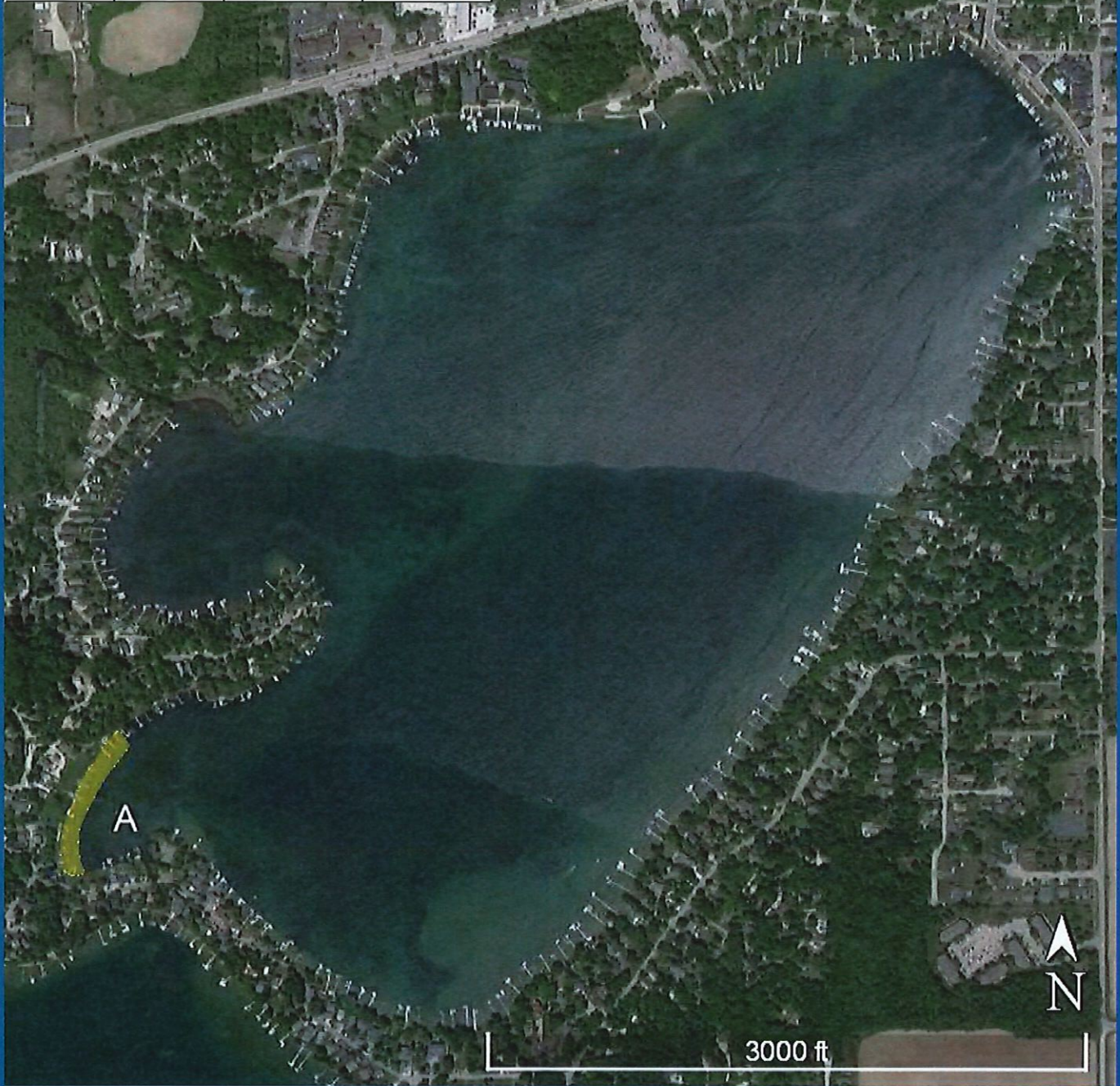


2023 Management Locations


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Elizabeth Lake
Kenosha County, WI

Area	Size (ac)	Avg. Depth (ft)	Target
A	1.6	3	NAV
TOTAL	1.6	---	---



2023 Management Locations


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Lake Mary
Kenosha County, WI