

Gages Lake Conservation Committee
1-Mar-24

Balance as of 2/24

Miscellaneous	\$15,345.43
Algae	\$1,158.00
Stamps	\$3.50
	<u>\$16,506.93</u>

Expenses:

State of Illinois	\$10.00
stamp	\$0.50

Total Expenses:	<u>\$10.50</u>
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Donations	\$95.00
Ice Golf donation	\$2,710.00
Wildwood Lily Pads	\$500.00

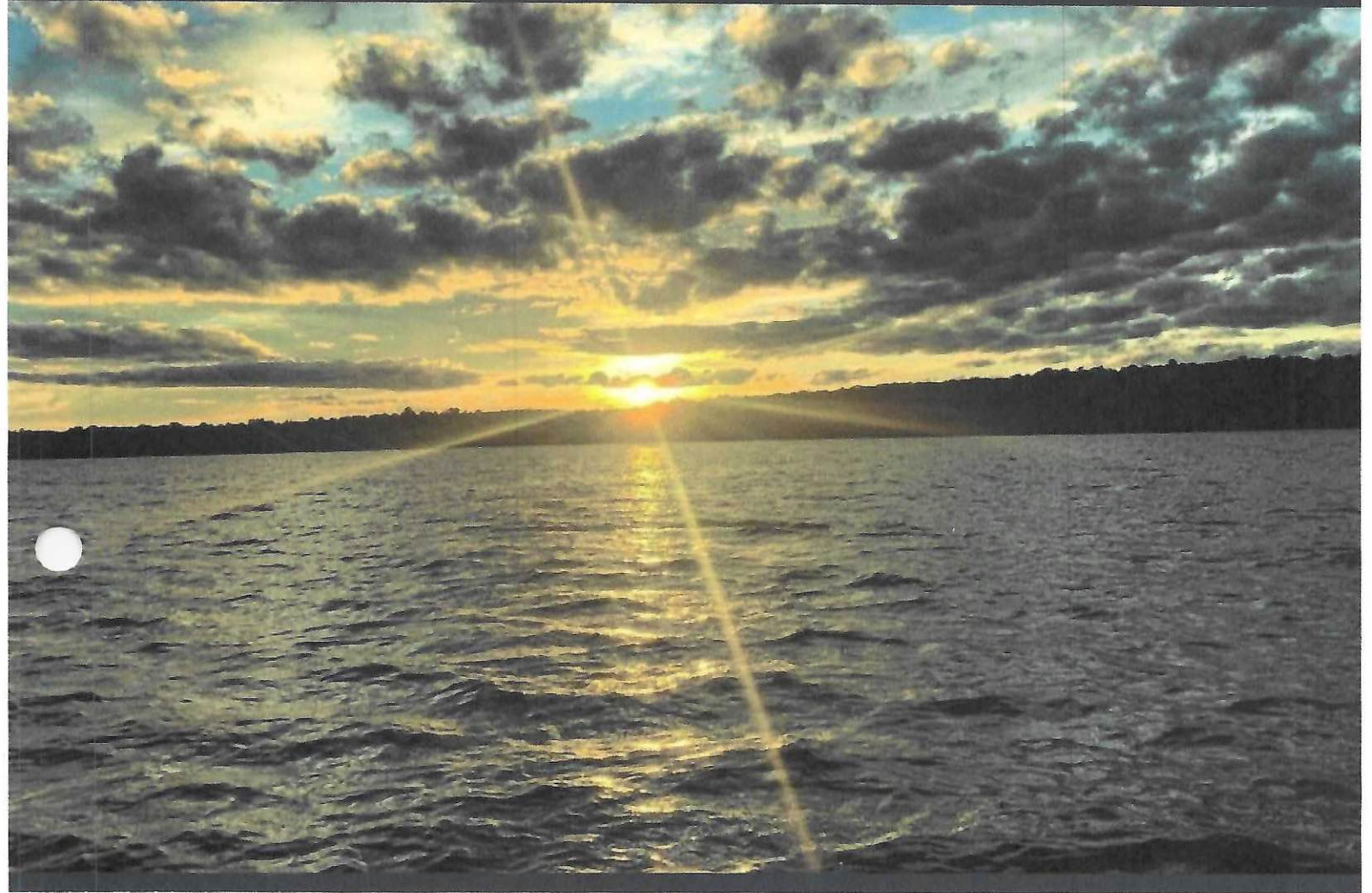
Total Income:	<u>\$3,305.00</u>
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Balance as of 3/24

Miscellaneous	\$18,640.43
Algae	\$1,158.00
Stamps	\$3.00
	<u>\$19,801.43</u>

FEBRUARY 27, 2024

Gages Lake Conservation Committee
Attn: Rob Flood
robkimflood@sbcglobal.net



2024 LAKE MANAGEMENT SERVICES PROPOSAL



TIGRIS
WHERE WATERS THRIVE.

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Background Information

Gages Lake is a 143 acre, glacial lake, located in Warren Township. Lake Management activities are overseen by the Gages Lake Conservation Committee (GLCC). Historical management focused on the control of Aquatic Invasive Species (AIS) including Eurasian Water milfoil (EWM) and Curly Leaf pondweed (CLP) as well as brittle naiad if found. Additional management focused on managing some lily pad growth where navigation was inhibited.

The GLCC requested our recommendations along with a lake management proposal for services in 2024.

The objective of this project will selectively minimize the spread and establishment of AIS while promoting an environment to support native plant growth.

Management activities are expected to be carried out in the spring and summer of 2024.

TIGRIS Aquatic Services, LLC (TIGRIS) is providing this proposal for the services requested.



SCOPE OF WORK

AIS Management with Aquatic Herbicides

Gages Lake, Warren Township, Lake County, Illinois

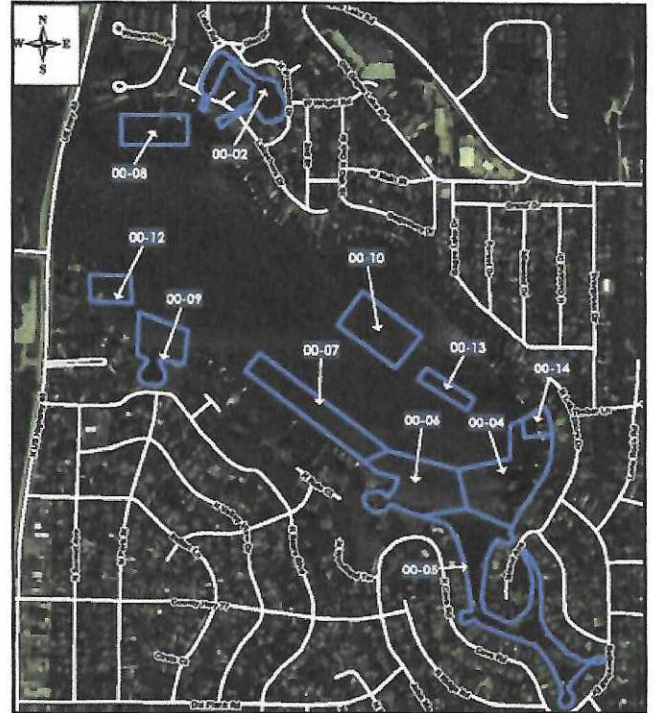
Work to be Performed

Eurasian Water Milfoil and/or Curlyleaf Pondweed Management

TIGRIS will perform survey work on Gages Lake utilizing BioBase technology, to identify locations and coverage of AIS plant beds to develop final control strategies. Notes on native plants and other findings will also be collected and reported on, including along shorelines. It is expected that final areas will be confirmed including size and average depth prior to application in the season.

A second survey will be performed after the initial herbicide application to evaluate efficacy of management activities should they be implemented as well as support planning and budget for the following year.

Accurate site data is critical in final dosing strategy to achieve successful outcomes in the control of the targeted vegetation. The preliminary map to the right outlines historical herbicide management areas; new data collected in 2024 is expected to be similar.



TIGRIS will schedule management activities following final approvals from IDNR when required. Our field crew will accurately and efficiently transmit spatial data (management area shapefiles, application tracks, etc.) between our team and GLCC representatives.

The project team will develop and implement a site-specific safety plan and be sure all project staff are trained in on-site conditions and all aspects of the project prior to the start of work.

Shapefiles will be uploaded to TIGRIS's application vessel(s) for guidance to and within final treatment areas (example map above). Our licensed applicators will perform herbicide applications and map where they are being made while simultaneously collecting submerged aquatic vegetation (SAV) data and water volumes at time of application. All data and maps will be provided to GLCC representatives following the completion of the project.

SCOPE OF WORK

Management with Aquatic Herbicides
Gages Lake, Warren Township, Lake County, Illinois

Work to be Performed

Nuisance Plant Management

Lily Pad Management

Services are scheduled to align with optimal environmental conditions to deliver the best control. The TIGRIS team of licensed aquatic pesticide applicators will work with GLCC representatives to monitor lily pad growth, outline desired management areas and strategy to manage lily pads. Upon approval from GLCC, TIGRIS will implement herbicide application. Aquatic pesticides selected and applied are registered with the USEPA and approved for aquatic use.

Application Schedule

An application schedule will be developed under the guidance of TIGRIS's Technical Team in cooperation with GLCC representatives. It is anticipated that the initial AIS application will occur in the spring of 2024 following the initial lakewide survey. It is important to note that this is a targeted timeframe which will be finalized after spring survey data has been collected and assessed. Survey work will identify when plants are actively growing and to trigger appropriate application timing. Survey results will be presented to GLCC representatives with management recommendations. Lake conditions and weather patterns will be monitored, especially as it relates to wind speed and direction with the goal of performing applications in optimal conditions for the most successful outcome.

Based on historical lake management data, we have outlined a preliminary timeline of management activities below:

- Spring Survey.....Completed in April/May 2024
- Initial herbicide application for AIS.....Late May/early June
- Follow up survey to monitor initial treatment results.....30+ days post treatment
- Lily Pad Management Application.....July or as needed
- Additional management for brittle naiad if needed.....July/Aug or as needed
- End of Summer BioBase Survey.....August/September

SCOPE OF WORK

Aquatic Vegetation Management with Aquatic Herbicides

Gages Lake, Warren Township, Lake County, Illinois

Work to be Performed

Aquatic Herbicides + Algaecides

TIGRIS will provide the required aquatic herbicides and algaecides for the project, as well as accommodate storage, delivery, handling, loading, and proper container disposal. Site specific herbicide deliveries will be arranged to coincide with application schedule if needed. Should final dosing strategy require more product than initially anticipated, TIGRIS will have the ability to comply with additional needs through our product distributors. Upon delivery, products will remain on the truck and transferred directly to application vessel(s) to mitigate concerns of storing product at or near project sites. All containers will be properly triple rinsed within management site(s) and recycled or disposed of properly following the completion of the project.

Expectations

The aquatic pesticide applications provide short term control for the vegetation present when the application team is on site. These applications do not prevent the regrowth of existing vegetation, the new growth of additional vegetation, or the movement of floating vegetation into the application area.

Treatment Records

TIGRIS will provide detailed data and treatment records following the completion of the project in electronic format. Reporting will detail TIGRIS staff that performed aquatic herbicide applications and other field work, environmental conditions at the time of application, final management area map(s), dosing strategy, and include vegetation maps produced by the data collected at time of application.

EQUIPMENT TO BE USED

Aquatic Vegetation Management with Aquatic Herbicides

Gages Lake, Warren Township, Lake County, Illinois



Premier Aquatic Pesticide Application Systems

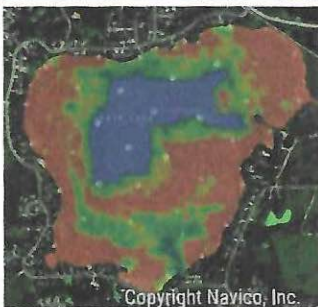
TIGRIS deploys high quality, technologically equipped aquatic pesticide application vessels ranging in size and style depending on the project.

Liquid applications are made below the surface of the water to enable immediate contact time with the targeted vegetation at varying depths in the water column. Granular applications are made via inductor or spreader systems dependent upon strategy and goals of application.

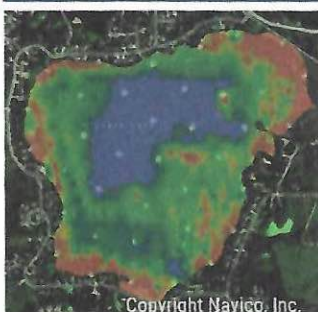
Both liquid and granular application systems are calibrated regularly, and metered flow tracking systems are used to insure proper dosing strategy is achieved as precisely and consistently as possible.



PRE MANAGEMENT



POST MANAGEMENT



Mapping Technologies

TIGRIS couples mapping technology with our application systems to guide licensed applicators performing aquatic pesticide applications to and within targeted management areas to further enhance precision application.

Mapping data captured in real time during management activities produces GPS tracks, submerged aquatic vegetation (SAV) location and coverage, bathymetry and sediment data, and water temperature at the time of application.

The data is then uploaded to web based software for the production of treatment maps to be overlaid on management areas providing detailed information which exceeds regulatory compliance reporting as well as data that can be used for post management efficacy evaluation.

DELIVERABLES

AIS Management, Lily Pad Applications and Brittle Naiad Management with Aquatic Herbicide

Gages Lake, Warren Township, Lake County, Illinois

TO BE PROVIDED BY TIGRIS

TIGRIS will support the GLCC in preparing and submitting all public notices, permit applications and other regulatory activities if needed/as required and make sure that all permits are in place prior to the start of the project. TIGRIS holds coverage under the National Pollution Discharge Elimination System (NPDES) General Permit in which the GLCC and project will be covered. TIGRIS will provide all labor, materials, equipment (including all support equipment for material handling and mobilization of application vessel(s), lake posting, technical advice, and insurance required to execute the project as described within this proposal. TIGRIS will conduct or be available for all public meetings if required. TIGRIS will provide support services to the GLCC for any other program related requirements. TIGRIS will notify the GLCC representatives at least 48 hours prior to applying herbicides, and provide a complete treatment record following the completion of the project.

TO BE PROVIDED BY THE GAGES LAKE CONSERVATION COMMITTEE

The GLCC will be responsible for providing necessary information to prepare and submit public notices and other permit requirements, if needed. The GLCC will provide final approvals on management sites including size and depth as well as project area shapefiles (via survey provider and/or with TIGRIS's support) and final project costs. The GLCC will provide a suitable boat ramp and accessibility to launch. The GLCC (or property owners via direction from the GLCC) will be responsible for removing and recycling or disposing of posted signs as appropriate, following the expiration of any water use restrictions.

TIGRIS

Company Overview



TIGRIS

WHERE WATERS THRIVE.

TIGRIS is a lake management company that is dedicated to creating waters that thrive and a company culture where people thrive.

As a platform company, TIGRIS brings together the industry's most talented and respected veterans in lake management, along with top-performing providers from across the nation. This unique combination allows us to offer a comprehensive and transformative approach to lake management. With the support and resources of a large national organization, we are able to provide our clients in Illinois the highest level of service and expertise. Our local office in Carol Stream ensures that we are readily available to address the unique needs and challenges of lakes in this region.

At TIGRIS, we understand the importance of maintaining the ecological balance of lakes while also enhancing their recreational and aesthetic value. Our team of experts utilizes innovative techniques and cutting-edge technologies to achieve these goals. We offer a wide range of services, including but not limited to: lake and pond management for invasive and nuisance vegetation, surveys and mapping, water quality management, nutrient mitigation and sedimentation evaluation.

We are committed to building long-term partnerships with our clients and communities, working collaboratively to develop customized lake management plans that meet their specific needs and goals. Our approach is rooted in science-based practices, and a deep respect for the natural environment.

TIGRIS is proud to be a leader in the lake management industry, bringing together the best minds and resources to create thriving waters. We invite you to join us on this journey and experience the TIGRIS difference.

For more information about our services and how we can help you, please visit our website tigrisusa.com or contact your local providers directly.

Together, let's create a future where our lakes thrive and our communities prosper.

PROTECT YOUR INVESTMENT WITH TIGRIS.

PROJECT COSTS

ALS Management, Lily Pad Applications and Brittle Naiad Management with Aquatic Herbicides

Gages Lake, Warren Township, Lake County, Illinois

HERBICIDE APPLICATION & SERVICES PRICING (PER ACRE)

Program Components: \$2,500.00 per year*

For all project preparation including two annual lake surveys, notices, signs, posting, mapping, consulting mobilization, reports and deliverables as described within this proposal. Herbicide applications will be billed seperatley and will require written approval from GLCC

Eurasian Water milfoil.....	\$405.00/surface acre
EWM & CLP in same management areas....	\$535.00/surface acre
Brittle Naiad.....	\$405.00/surface acre
Lily Pad control.....	\$330.00/surface acre
Surface Algae.....	\$266.00/surface acre
Additional Lake Wide Surveys.....	\$1,768.00 each

*Program Components fee of \$2,500 will be waived when GLCC approves 35 treatment acres or more in 2024.

Program pricing listed above includes spot-treatments targeting specific plant beds as approved by GLCC. Lake wide and long term management with Sonar AS or ProcellaCOR are additional management options not included in this proposal. Both Sonar and ProcellaCOR are available and recommended for GLCC consideration. After spring survey data is collected, preliminary pricing can be provided.

PRICING, TERMS AND CONDITIONS

Lake Management Services

Gages Lake, Warren Township, Lake County, Illinois

2024 LAKE MANAGEMENT SERVICES UNIT PRICING - GAGES LAKE

PROGRAM COMPONENTS	\$2,500.00*
EWM ONLY.....	\$405.00 per acre
EWM & CLP.....	\$535.00 per acre
BRITTLE NAIAD	\$405.00 per acre
LILY PAD MANAGEMENT	\$330.00 per acre
SURFACE ALGAE	\$266.00 per acre
ADD'L LAKE SURVEYS	\$1,768.00 each

SERVICE AGREEMENT

TERM AND TERMINATION: The term of the Agreement shall commence on the date when both parties have executed this Agreement and shall continue for a period ending on 12/31/2024 (the "Initial Term"). Notwithstanding anything set forth herein to the contrary, either party may terminate this Agreement upon 30 days written notice to the other party; provided that in the event the Customer terminates this Agreement, the Customer must provide payment to TIGRIS Aquatic Services, LLC for all services rendered prior to the effective date of termination.

PRICE INCREASE: TIGRIS Aquatic Services, LLC may petition Customer at any time for an additional rate adjustment on the basis of extraordinary and unusual changes in the cost of operations that could not be reasonably foreseen by a prudent operator. New areas to be covered will be pro-rated to the program cost at the rates in effect at the time and Customer will be notified for approval prior to project commencement.

PROPERTY DAMAGE/LIMITATION ON CLAIMS: Allegations of property damage resulting from the services rendered by TIGRIS Aquatic Services, LLC must be submitted in a written report with pictures included, filed directly with respective Account Manager within fifteen (15) days. TIGRIS Aquatic Services, LLC will review the report, determine a fair and equitable resolution, and respond within a timely manner. Customer agrees that any claims Customer has against TIGRIS Aquatic Services, LLC must be filed within one (1) year from the date of termination of this Agreement.

LIMITATION OF LIABILITY: Neither party will be liable to the other party for any special, indirect, consequential, or incidental damages of any kind, including, without limitation, any loss of profit, loss of use, or business interruption, based on any claim under this agreement, even if such party has been advised of the possibility of such damages. Customer hereby agrees to indemnify, defend and hold harmless the TIGRIS Aquatic Services, LLC from and against any and all liabilities, obligations, damages, penalties, fines, loss, awards, judgments, costs, and expenses (including, without limitation, reasonable attorneys' fees and costs), relating to any claim, action or proceeding initiated or threatened by a third party (collectively "Losses") incurred by or imposed upon TIGRIS Aquatic Services, LLC as a result of Customer's negligence or intentional misconduct. TIGRIS Aquatic Services, LLC hereby agrees to indemnify, defend and hold harmless the Customer from and against all Losses incurred by or imposed upon the Customer as a result of TIGRIS Aquatic Services, LLC's negligence or intentional misconduct provided however that TIGRIS Aquatic Services, LLC shall not be responsible for any Losses due in whole or in part to Customer's negligent acts or omissions.

INSURANCE: TIGRIS Aquatic Services, LLC shall carry Worker's Compensation and Employer Liability, Commercial General Liability, Professional Liability, and Property Damage Insurance which shall remain in full effect throughout this Agreement. Customer will be an insurance certificate holder and named as an additional insured. Certificates of insurance shall be delivered to Customer a minimum of two weeks prior to the initiation of the treatment program. If coverages confirmed by these certificates will expire prior to the termination of this Agreement, the certificates for renewals must be delivered not less than ten days prior to the expiration date.

ENTIRE AGREEMENT: This Agreement constitutes the complete understanding between the parties hereto and supersedes any prior understandings whether written or oral between the parties relating to the subject matter hereof.

SIGNING AND RETURNING this document authorizes TIGRIS Aquatic Services, LLC to perform the services stipulated within this agreement. By signing this document, I acknowledge I have the authority to authorize TIGRIS Aquatic Services, LLC to perform the services outlined in this agreement.

CUSTOMER NAME (PRINT): _____

TITLE: _____

CUSTOMER SIGNATURE: _____

DATE: _____

TIGRIS SIGNATURE: _____

DATE: _____

2/28/2024