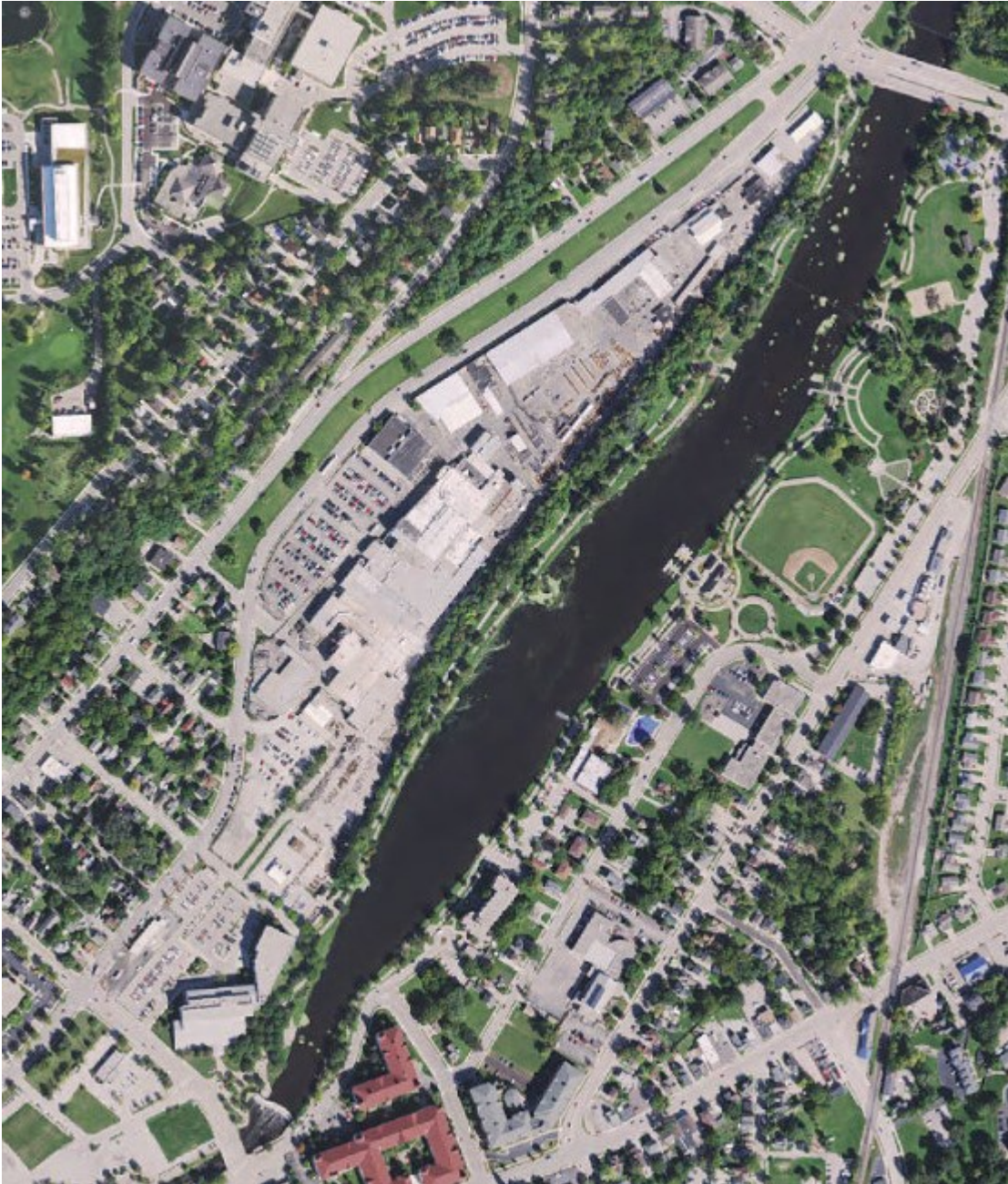


Proposal for Point Intercept Aquatic Plant Survey & Management Plan
Saratoga Lake—Frame Park
City of Waukesha, WI
By: Solitude Lake Management -April 23, 2025



Introduction

Solitude Lake Management recently received a Request for Proposals from the City of Waukesha in regards to providing a quote for an Aquatic Plant Survey and Management Plan for Saratoga Lake in Frame Park.

This Proposal is in reply to the City of Waukesha's Request, with a due date of April 24, 2025.

Scope of Project

The project calls for data to be collected at each of the (95) pre-determined P/I points including, Water Depth, Bottom Sediment Type (Muck, Sand or Rock), aquatic plant species present at each site and relative plant abundance rating (0-3) of all species combined, and for each individual plant species. This information is to be logged into an "Excel" Spreadsheet provided by the WI DNR.

The data collection portion of this project will be completed by August 21, 2025. Once completed, this Data will be presented to the City of Waukesha in Report Form. A series of maps detailing the locations of any exotic species present (including Eurasian Watermilfoil, Curlyleaf Pondweed, Purple Loosestrife and Phragmites), along with the top seven ranked native species will be provided. Additional data that will be presented will include:

- Plants species found
- Number of vegetated sites found
- Overall percent frequency of occurrence
- Percent relative frequency of occurrence
- Overall average density rating (between 0 and 3),
- *Relative* average density rating
- Maximum rooting depth and Chart detailing the colonization of plants across depth.

The Report will also include a discussion (text) that explains what the results mean and an overall assessment of the plant community in the lake.

The Aquatic Plant Management Plan component will include a map of any Harvester cutting paths currently being used, any proposed changes, a map showing the location of plant disposal site, minimum depth requirements, frequency of harvesting and whether a contractor will be used. Finally, a discussion of the water residence time for the lake, and the impact it has on the feasibility of various aquatic herbicides will be provided.. Data collection is expected to be completed by August 21, 2025, the Report, along with Raw Data (completed Excel Workbook) will be completed at a later date. We anticipate that this will be completed and submitted to the City by the end of December, 2025, but no later than January 31, 2026.

Project Cost and Timetable

Total cost, including all travel, on-site labor and report preparation for the above will be \$3,300.00. This will be Invoiced upon completion and submittal of the Final Draft to the WI DNR and City. It is expected that this will be completed by December 31, 2025. The Raw Data (Excel Workbook Format) will be submitted at the same time in electronic format .

It is presumed that the WI DNR may desire minor changes to the Final Report, and that it may take some time (months) for the Department to request modifications. This BID takes this into consideration and the City will not be charged for this additional work, as long as the changes involve a reasonable amount of work (1-2 days or less).

Experience

Marine Biochemists has over 45 years of experience in lake management in southeastern Wisconsin. Our list of clients include municipalities, Districts, and Associations on over 20 Wisconsin lakes serviced annually.

We have completed similar Plant Surveys and/or Plant Management Plans for several lakes over the years, including:

Big Muskego (City of Muskego)	Crooked Lake (Waukesha)	Waterville Lake (Waukesha)
Lake Denoon (Waukesha	Golden Lake (Waukesha)	Wind Lake (Racine)
Elkhart Lake (Sheboygan)	North Lake (Waukesha)	Waubeesee Lake (Racine)

Samples of our previous work and References will be made available upon request.

Contact Person

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Proposal accepted by the City of Waukesha the _____ day of _____, 2025

Shawn N. Reilly, Mayor

Katie L. Panella, City Clerk

Contract accepted by Solitude Lake Management the _____ day of _____, 2025.

Brian Suffern