

2019 Late-Spring Curlyleaf Pondweed Delineation

Bass Lake (# 86-0234)
Wright County, MN

Surveyed June 10, 2019



Survey, Analysis, and Reporting by:

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Certified Lake Manager
www.NALMS.org

Purpose of Survey

This late-spring survey was designed to locate and delineate areas of curlyleaf pondweed (CLP) remaining in Bass Lake (#86-0234) after early-spring treatment. This information will help to guide CLP management in Bass Lake, and is required as a part of the DNR permitting process.

Survey Method

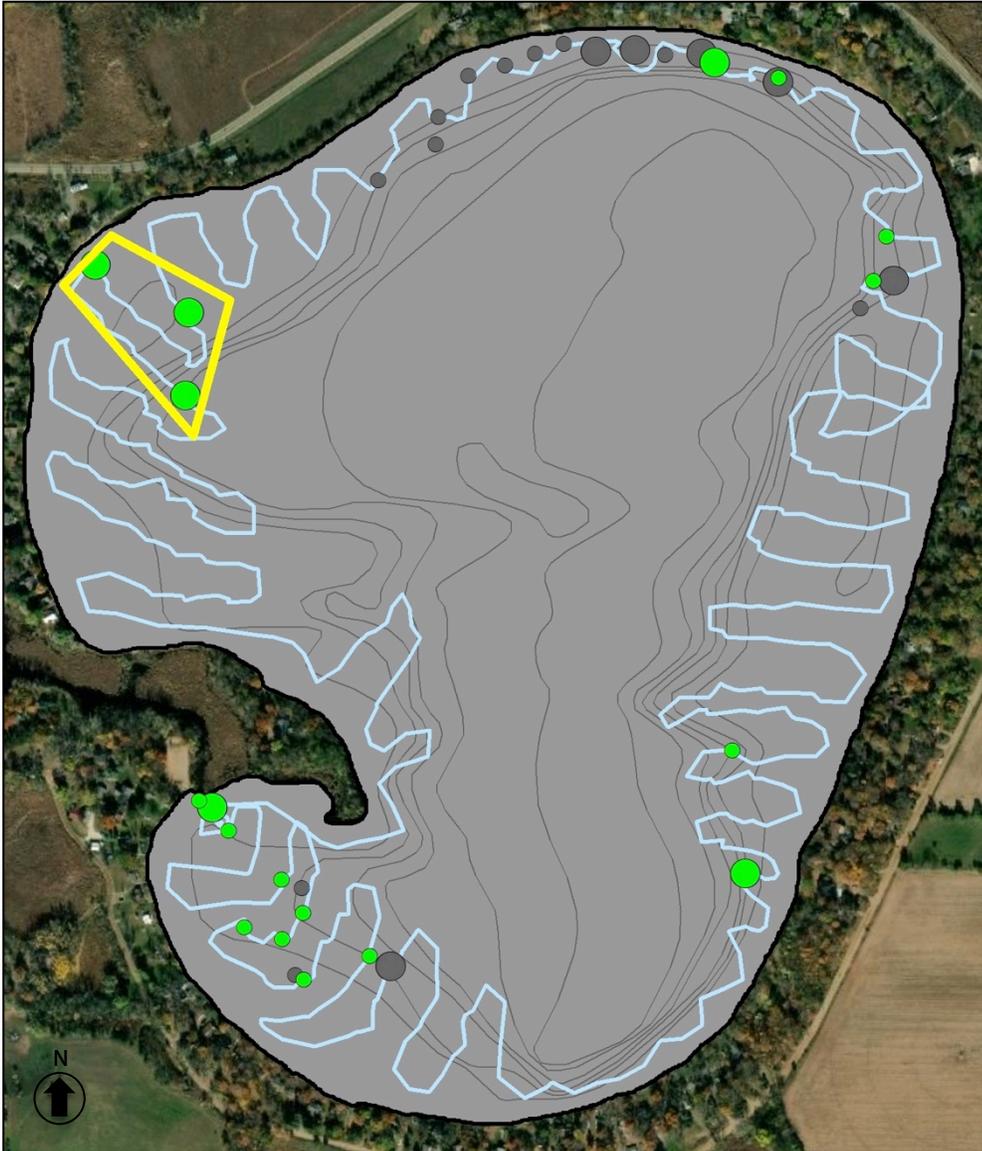
CLP Delineation Survey

Freshwater Scientific Services surveyed the vegetated portion of Bass Lake on June 10, 2019. During this survey, we navigated a meandering path over the search area while using a combination of visual inspections, rake tosses, and sonar readings to locate and delineate areas of CLP growth. When we encountered CLP, we marked the location, recorded the water depth, and rated the density of the growth as described in the table below.

Score	Visual	Rake
1	Light / Solitary plants	1-2 stems
2	Moderate / Scattered dense patches	3 to 9 stems
3	Dense / Uniform dense growth	10+ stems

For rake samples, we dragged a sampling rake over approximately 10 square feet of lake bottom and recorded the CLP density based upon the number of plants (stem count) retrieved on the rake. The recorded water depths and density scores were linked to the appropriate GPS locations and then mapped using desktop GIS software.

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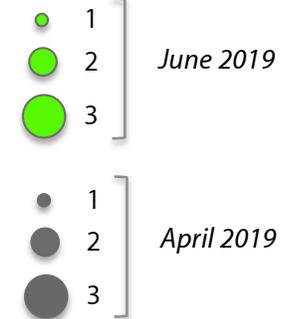


Curlyleaf Pondweed

— Surveyed Path

▭ Proposed Plot

CLP Rake Density



Surveyed: June 10, 2019
Methods: Visual, Rake, Sonar
Surveyor: JA Johnson

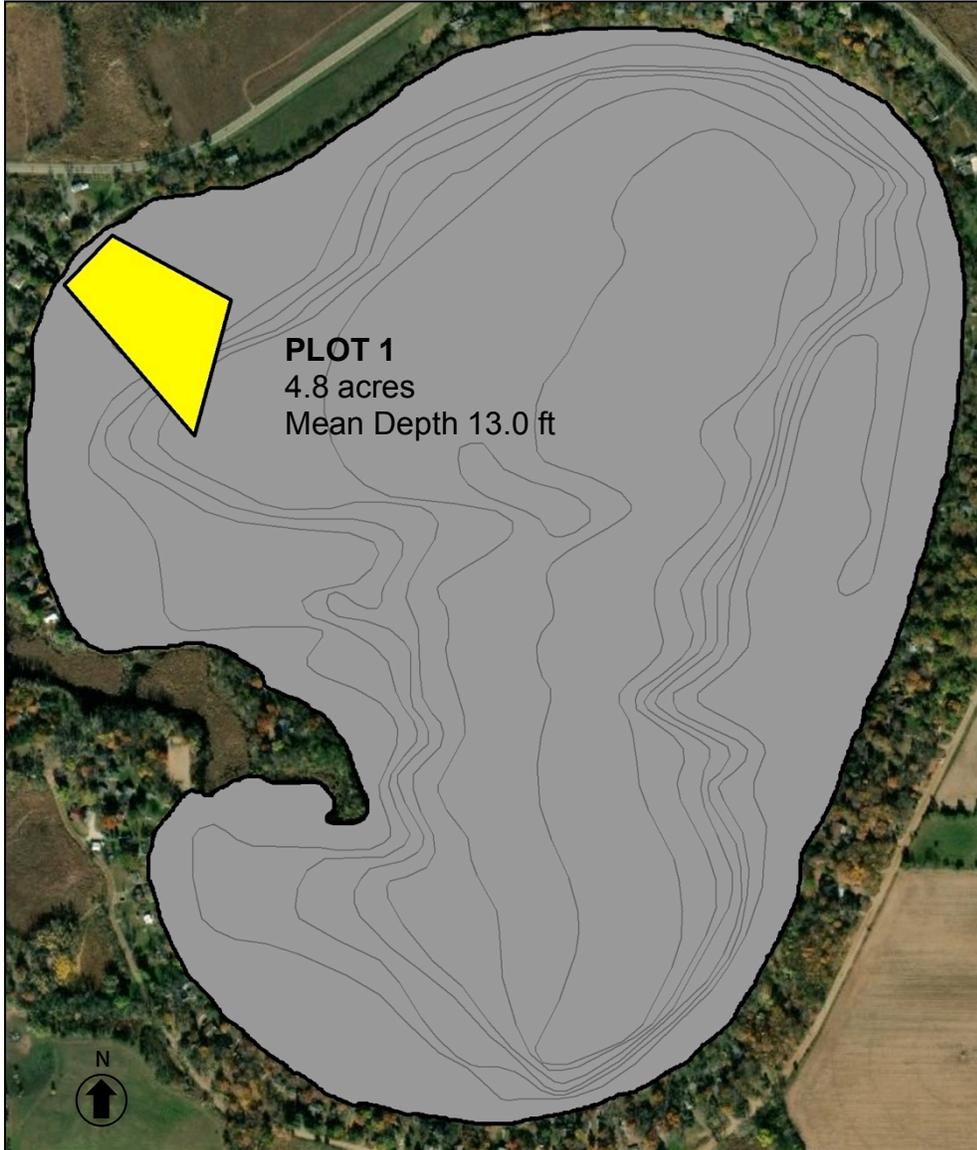


Map produced for the
Bass Lake Association of Wright Co. by:



15771 Creekside Lane
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 **Proposed Plots**

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Online Resources & Contacts

Minnesota Administrative Rules for Aquatic Plant Management

<https://www.revisor.mn.gov/rules/?id=6280>

Minnesota DNR – Aquatic Plant Management Regulations & Permit Application Forms

<http://www.dnr.state.mn.us/apm/index.html>

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