

2025 Late-Spring Delineation Survey for Curlyleaf Pondweed and Eurasian Watermilfoil

Rice Lake (# 27-0116)
Hennepin County, MN

Surveyed May 29, 2025



Survey, Analysis, & Reporting by:

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Purpose of Survey

This late-spring survey was conducted to assess the distribution and abundance of curlyleaf pondweed (CLP) and Eurasian watermilfoil (EWM) in Rice Lake. This information will help guide future management actions and is required as a part of DNR permitting for herbicide treatment or lake drawdown.

Survey Method

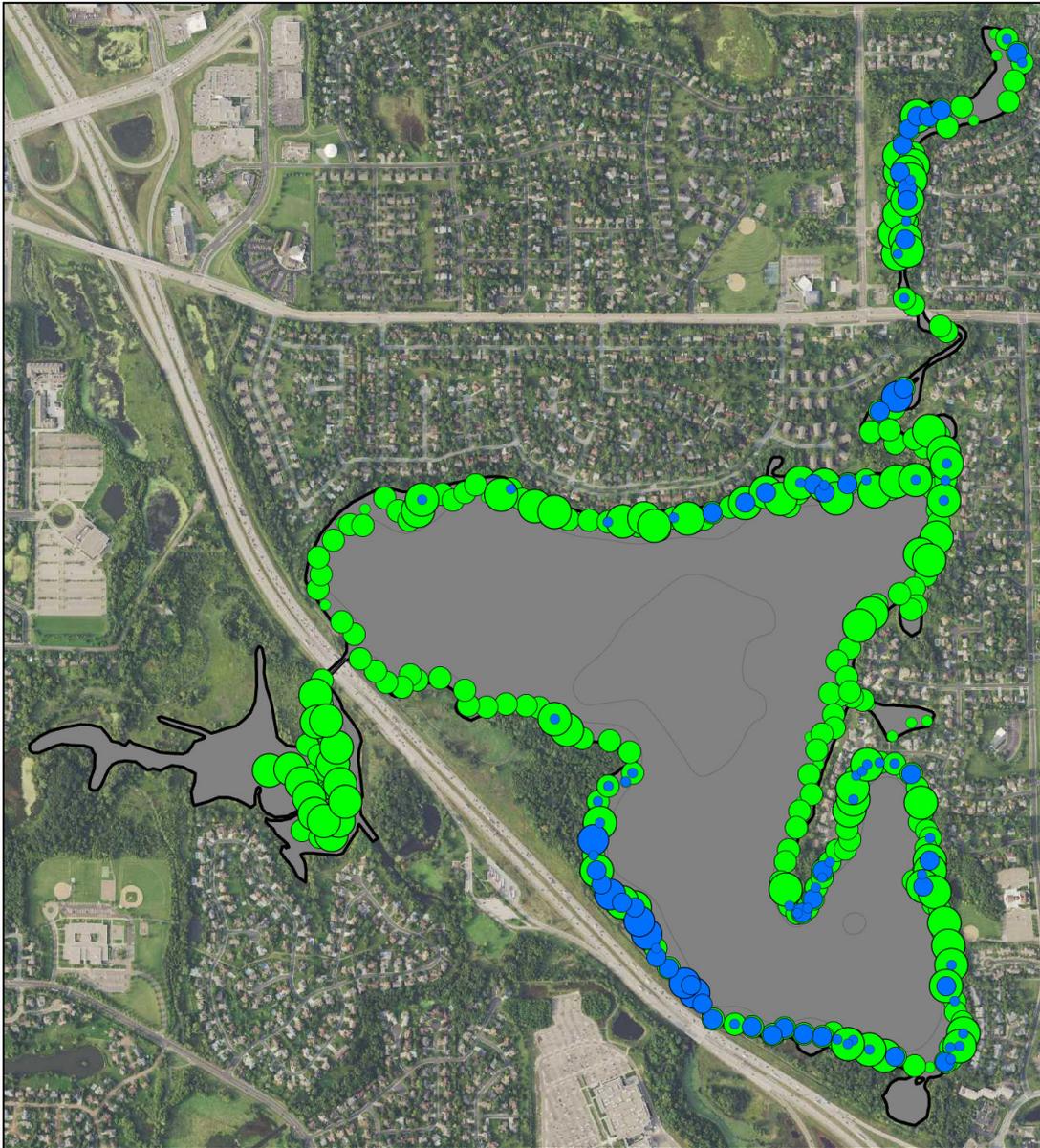
Search & Delineation Survey

Freshwater Scientific Services surveyed Rice Lake on May 29, 2025. During this survey, we navigated a meandering search path that covered the vegetated portion of the lake. While navigating this search path, we used a combination of surface observations, sonar readings, and rake tosses to assess areas of CLP and EWM growth. When we encountered CLP or EWM plants, we marked the location, recorded the water depth, and rated the density of the growth using visual or rake density scores as described in the table below. The recorded water depths and density scores were linked to the appropriate GPS locations and then mapped using desktop GIS software.

| 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 |

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CLP Density

- 1 (small green dot)
- 2 (medium green dot)
- 3 (large green dot)

EWM Density

- 1 (small blue dot)
- 2 (medium blue dot)
- 3 (large blue dot)

Surveyed: May 29, 2025
Methods: Visual, Rake, Sonar
Surveyor: JA Johnson



freshwater
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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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