

# 2021 Late-Spring Delineation Survey for Curlyleaf Pondweed and Eurasian Watermilfoil

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

Surveyed May 25, 2021



## Survey, Analysis, and Reporting by:

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**Certified Lake Manager**  
[www.NALMS.org](http://www.NALMS.org)

## *Purpose of Survey*

This late-spring survey was designed 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.

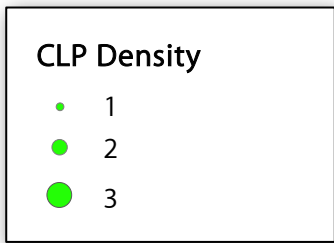
## *Survey Method*

### **Delineation Survey**

Freshwater Scientific Services surveyed the vegetated portion of Rice Lake on May 25, 2021. 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.

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

## 2021 Curlyleaf Pondweed Delineation Rice Lake (# 27-0116)



**Surveyed:** May 25, 2021  
**Methods:** Visual, Rake, Sonar  
**Surveyor:** JA Johnson



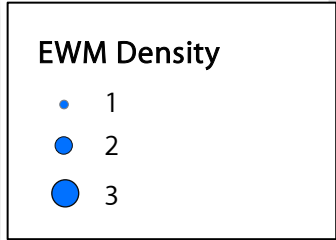
Map produced for the  
Rice Lake Area Association by:



15771 Creekside Lane  
Osseo, MN 55369  
fixmylake.com  
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## 2021 Eurasian Watermilfoil Delineation Rice Lake (# 27-0116)



**Surveyed:** May 25, 2021  
**Methods:** Visual, Rake, Sonar  
**Surveyor:** JA Johnson



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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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