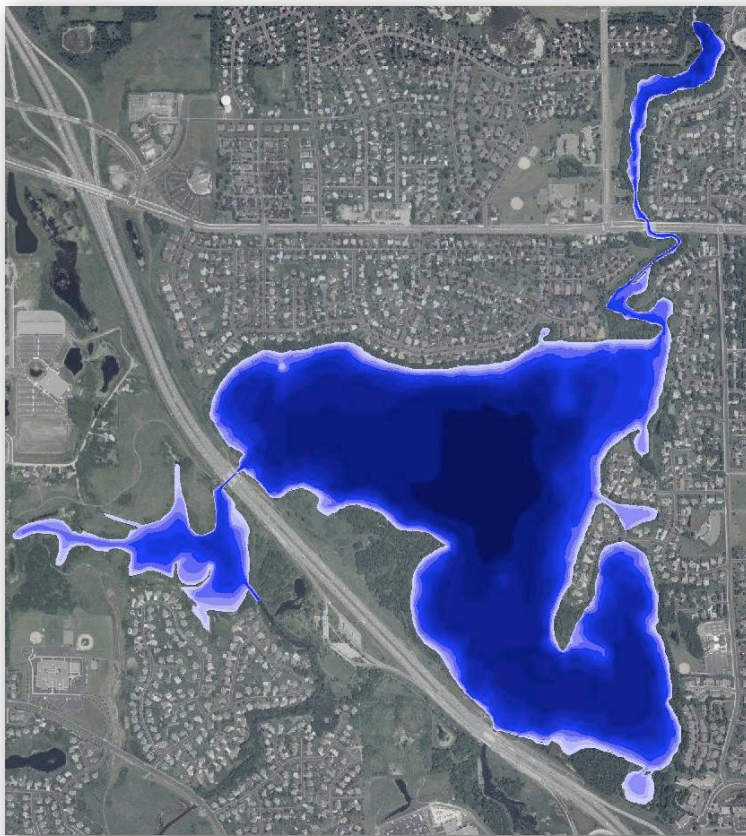


2020 Late-Spring Delineation Survey for Curlyleaf Pondweed and Eurasian Watermilfoil

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

Surveyed June 11, 2020



Survey, Analysis, and Reporting by:

James A. Johnson – *Aquatic Ecologist, Freshwater Scientific Services*



Certified Lake Manager
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 June 11, 2020. During this survey, we navigated a meandering transect over the vegetated portion of the lake while using 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

2020 Curlyleaf Pondweed Delineation Rice Lake (# 27-0116)



CLP Density

- 1
- 2
- 3

Surveyed: Jun 11, 2020
Methods: Visual, Rake, Sonar
Surveyor: JA Johnson

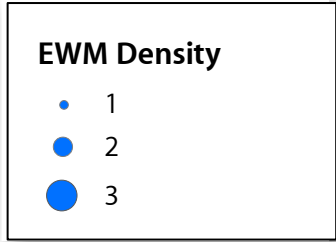


Map produced for the
Rice Lake Area Association by:

freshwater
SCIENTIFIC SERVICES
15771 Creekside Lane
Osseo, MN 55369
fixmylake.com
(651) 336-8696

2020 Eurasian Watermilfoil Delineation

Rice Lake (# 27-0116)



Surveyed: Jun 11, 2020
Methods: Visual, Rake, Sonar
Surveyor: JA Johnson



Map produced for the
Rice Lake Area Association by:



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>

Keegan Lund

Invasive Species Specialist

Minnesota DNR

keegan.lund@state.mn.us

(651) 259-5828

Wendy Crowell

ALS Management Coordinator

Minnesota DNR

wendy.crowell@state.mn.us

(651) 259-5085