

Aquatic Invasive Species Inspection Report

Lake: Island (**DOW# 58006200**)

Inspection Date: **07/22/2026**

County: **Pine**

Surveyors: **Rich Rezanka Ryan Miller**

Water Temp (*F): **76.0**

Report Author: **Rich Rezanka**

Inspection Times: **9:00 – 1:00**

Report Date: **07/23/2026**

Minnesota DNR Aquatic Invasive Species program staff inspected Island Lake for Eurasian watermilfoil (EWM) on 07/22/2026. Eurasian watermilfoil was documented at numerous sites around the lake. A large batch was documented in the area around the public boat access. Management activities should be considered in 2026.



Photo 1: A view of the boat ramp on Island Lake from 23 July 2026.

The survey was done from a boat with a sampling rake, water depth was measured with the depth finder, and GPS coordinates were recorded on a Garmin Map62stc unit. Sonar aided in the search for EWM as shown in photo 2.

Weather was warm and calm with negligible wind. Air temperature was 75 degrees; surface water temperature was 76 degrees. Water clarity in the lake was moderate (8 feet). Visual sampling was possible in shallow sites with depths less than six feet.

Delineation methods involved both visual methods and the use of a two-sided plant rake. The boat was driven around the littoral zone of Island Lake with intermittent meandering (figure 1). Special attention was paid to areas in the lake where favorable EWM growing conditions were present.

Eurasian watermilfoil was not difficult to find on 22 July (figure 2). Numerous small spots of EWM were documented around the lake. None were particularly dense but could be considered for management in 2026. No heavy growth of EWM was documented during the survey except around, and to the east, of the public access where a dense band of EWM was documented (Site 1). Eurasian watermilfoil has expanded in density and acreage there since the survey in 2025. Strong consideration should be given to management activities to control further spread of EWM from Site 1.

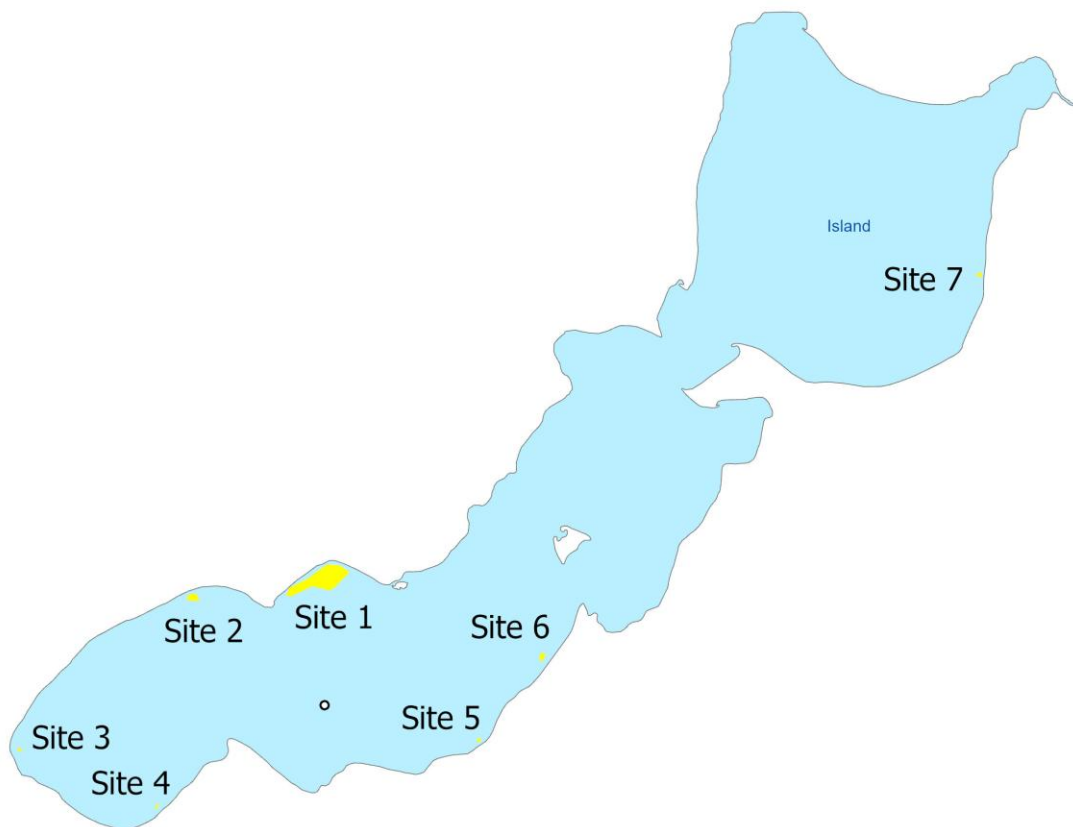


Photo 2: Down-scan sonar image from Island Lake on 22 July 2026.



Figure 1. A survey map of Island Lake showing EWM locations in yellow and survey tracks in green from 22 July 2026.

Island Lake
Pine County
DOW 58006200



Legend

- 22072026secchi
- 2026EWMAcres

Figure 2. A map showing proposed EWM management areas on Island Lake for the 2026 season.

Site	Acres	Observations	Treatment recommendation
1	1.63	Dense, widespread EWM at surface	treatment in 2026
2	0.09	30 to 50 stems wide spaced	treatment in 2026
3	0.001	5 to 10 stems	consider treatment in 2026
4	0.001	20 to 30 stems in a narrow strip	consider treatment in 2026
5	0.01	20 to 30 stems	consider treatment in 2026
6	0.03	20 to 30 stems	consider treatment in 2026
7	0.01	5 to 10 stems	
Total			
		1.732	

Table 1. Site description and treatment recommendations for Island Lake EWM 2026.



Photo 3. A stem of EWM from island Lake on 22 July 2026