Aquatic Invasive Species Inspection Report

Lake: **Sand (DOW# 58008100)**

Inspection Date: **07/09/2026**

County: **Carlton/Pine**

Surveyors: **Rich Rezanka**

Water Temp (*F): 76**.0-79.0**

Report Author: **Rezanka**

Secchi Depth 12’ @ 1:00pm

Report Date: **07/13/2026**

Minnesota DNR Aquatic Invasive Species program staff inspected Sand Lake on 07/09/2026 for the presence, abundance, and distribution of Eurasian watermilfoil (EWM).

Photo 1: The west sandbar is more exposed by low water in Sand Lake on 9 July 2026.

The survey was conducted from a boat with a sampling rake, water depth was measured with the depth finder, and GPS coordinates were recorded on a Garmin Map76csx unit.

Weather was sunny with calm wind. Air temperature was 80 degrees; surface water temperature was 76 degrees. Water clarity in the lake was 12 feet. Visual sampling was possible in shallow sites with depths less than ten feet.

Delineation methods involved both visual methods and the use of a two-sided plant rake. The boat was driven from shallow water into deep water in a slow meandering pattern (figure 1). Special attention was paid to areas in the lake where favorable EWM growing conditions were present and in areas that have historically supported EWM populations.

Eurasian watermilfoil was found at depths ranging from 4.0 - 8.0 feet but was found growing most commonly at 4.0 feet deep. Eurasian watermilfoil was not growing in dense stands as it has historically. Induvial plants, clumps or patches were common, especially in areas that were not treated with herbicide in 2025. Maintenance treatment of EWM in 2026 could occur at the proposed sites shown on the map in figure 2.

Photo 2: Underwater picture of Eurasian watermilfoil taken on 9 July 2026 on Sand Lake at site 2.

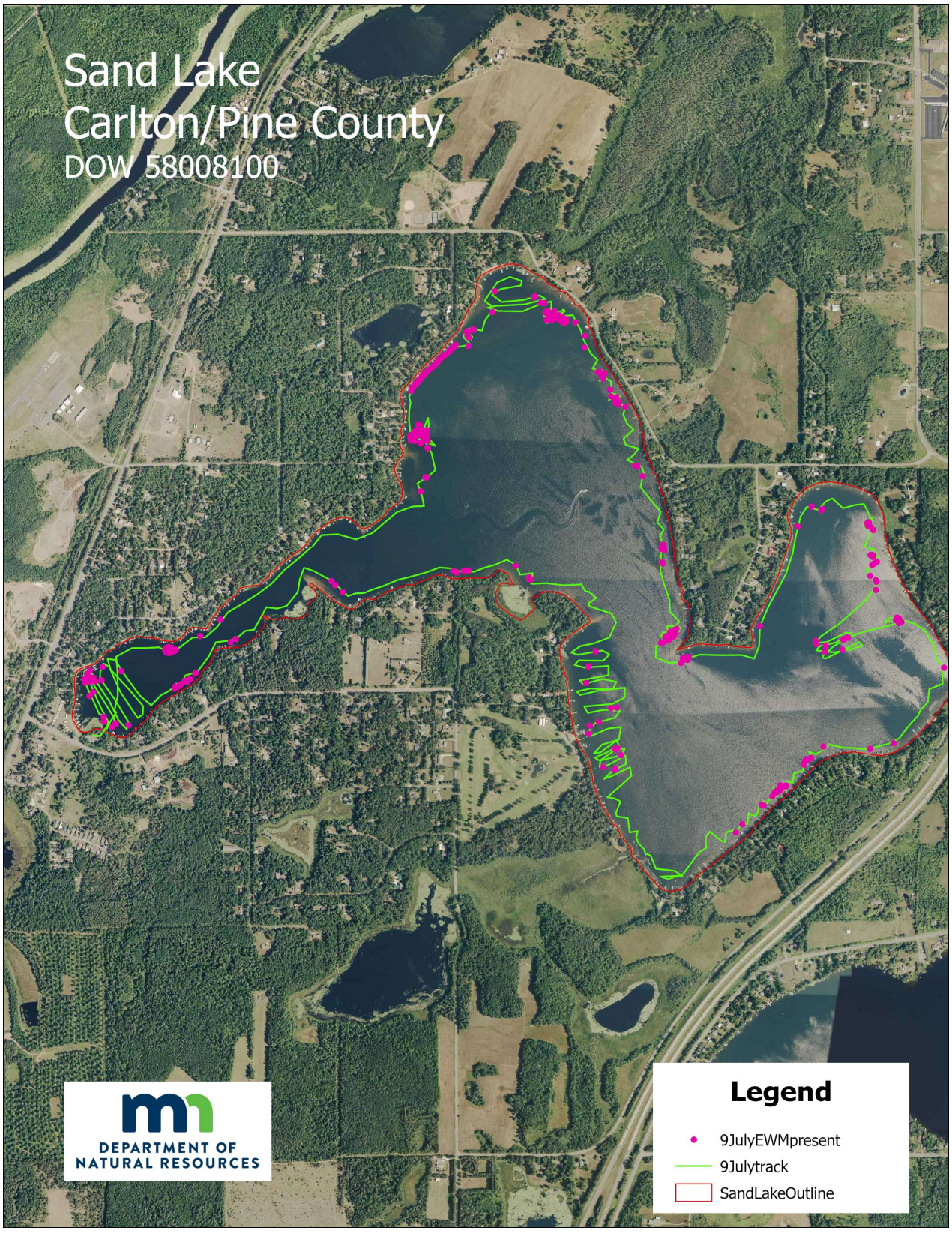

Figure 1. Map showing sites where EWM was present and the boat track on 9 July 2026.

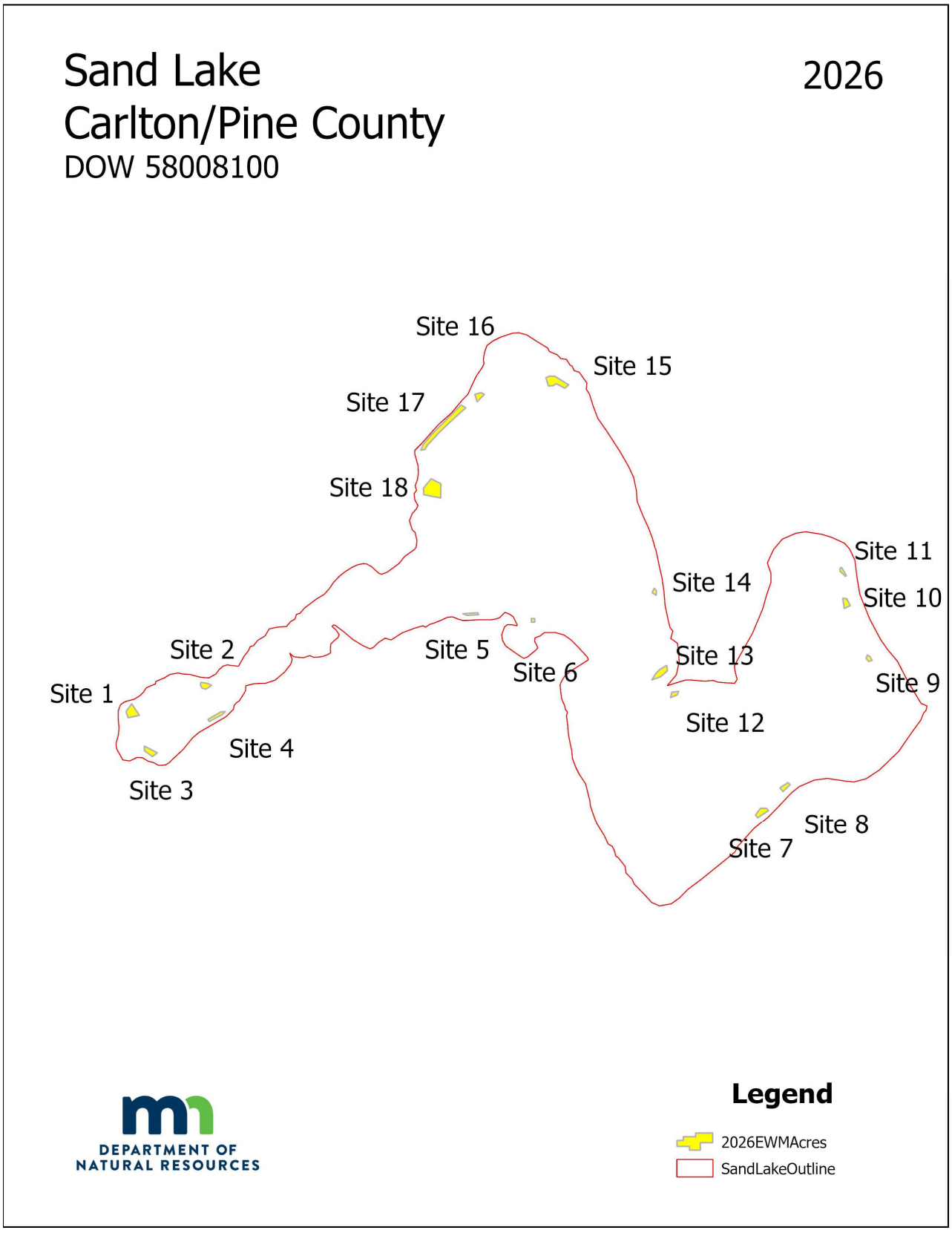

Figure 2. Proposed maintenance treatment areas on Sand Lake for the 2026 season.

Table 1. Descriptions of the condition of Eurasian watermilfoil at potential treatment sites on Sand Lake in 2026.

Site	Acres	Observations	Changes from 2025
1	0.36	EWM plants 5 meters apart	increase from 2025
2	0.17	Patch of healthy stems	increase from 2025
3	0.21	Few stems near the boat ramp	increase from 2025
4	0.17	Patch of healthy stems	increase from 2025
5	0.08	Thin patch in a long narrow band	no change
6	0.05	Few stems	no change
7	0.22	Patch of healthy stems	increase from 2025
8	0.14	Patch of healthy stems	increase from 2025
9	0.08	Few stems	no change
10	0.16	Patch of healthy stems	increase from 2025
11	0.08	Few stems	no change
12	0.1	Patch of healthy stems	increase from 2025
13	0.3	Patch of healthy stems	increase from 2025
14	0.06	Patch of healthy stems	no change
15	0.52	EWM plants 5 meters apart	increase from 2025
16	0.16	Few stems	no change
17	0.96	Patch of healthy stems	increase from 2025
18	0.87	Patch of healthy stems	increase from 2025
	4.69		

Photo 3: A Eurasian watermilfoil plant typical of what was found in Sand Lake on 9 July 2026.