



Sunset Lake EWM Removal Report 2025

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Sunset Lake EWM Removal Summary

Dive Background: In July Aquatic Plant Management LLC (APM) conducted 3 days of Diver Assisted Suction Harvesting for Eurasian Watermilfoil (EWM) on Sunset Lake in Portage County, WI. The team focused their efforts at 5 sites as prioritized by the Sunset Lake Association. In total APM was able to remove **153.0 cubic feet of EWM** from Sunset Lake.

Dive Results by Day

Date	Weather Conditions	Water Temp (F)	Underwater Dive Time (hrs)	AIS Removed (cubic ft)
7/28/2025	Sunny	76	6.5	60.0
7/29/2025	Sunny	76	7.0	45.0
7/30/2025	Cloudy	76	6.4	48.0
Grand Total			19.9	153.0

Dive Results by Site

Dive Location	Avg. Water Depth	# of Dives	Underwater Dive Time	AIS Removed (cubic feet)
B	10.0	1	1.4	15.0
C	10.2	5	15.8	117.0
D	12.0	1	1.3	4.5
E	12.0	1	0.5	1.5
F	6.0	1	1.0	15.0
Grand Total		9	19.9	153.0

Dive Highlights and Recommendations: The dive team spent the first two days at site C in the southern section of the lake where they were able to remove 117 cubic feet of EWM. The team noted fragments were present when they arrived and the plants were brittle. On the third day, the dive team focused at the other areas (B, D, E, and F) where they encountered clumps and small plant colonies of EWM. Overall, Sunset Lake should continue to take an Integrated Pest Management (IPM) approach and evaluate different strategies to manage the EWM population on the lake. Continued monitoring and management efforts are important to prevent the spread of EWM throughout Sunset Lake.

Map of Sunset Lake Dive Sites





Detailed Diving Activities

Date	Dive Location	Latitude	Longitude	Underwater Dive Time (hrs)	AIS Removed (cubic ft)	AIS Density	Avg Water Depth (ft)	Native Species	Native By-Catch	Substrate Type
7/28/2025	C	44.54163	-89.27866	3.00	30.0	Dominant	9.0	Charophytes	4.5	Organic
7/28/2025	C	44.54167	-89.27879	3.50	30.0	Dominant	9.0	Charophytes	4.5	Organic
7/29/2025	C	44.54166	-89.27892	3.50	18.0	Small Plant Colony	12.0	Charophytes	3.0	Organic
7/29/2025	C	44.54173	-89.27802	3.50	27.0	Dominant	13.0	Charophytes	3.0	Organic
7/30/2025	D	44.54365	-89.28010	1.25	4.5	Clumps	12.0	Charophytes	0.5	Organic
7/30/2025	C	44.54173	-89.27802	2.25	12.0	Small Plant Colony	8.0	Charophytes	1.5	Organic
7/30/2025	E	44.54490	-89.27963	0.50	1.5	Clumps	12.0	Charophytes	0.1	Organic
7/30/2025	F	44.54701	-89.27852	1.00	15.0	Small Plant Colony	6.0	Charophytes	6.0	Organic/Sand
7/30/2025	B	44.54510	-89.27298	1.42	15.0	Scattered	10.0	Charophytes	6.0	Organic
Total	9			19.92	153.0					