



White Potato Lake EWM Removal Report 2024

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White Potato Lake EWM Removal Summary

Dive Background: In July and August, Aquatic Plant Management LLC (APM) conducted three (3) days of Hand Harvesting for Eurasian Watermilfoil (EWM) on White Potato Lake in Oconto County, WI. The team focused their efforts at 5 sites as prioritized by the White Potato Lake District. In total APM was able to remove **95.0 cubic feet of EWM** from White Potato Lake.

Dive Results by Day

Date	Weather Conditions	Water Temp (F)	Underwater Dive Time (hrs)	AIS Removed (cubic ft)
7/18/2024	Sunny	68	5.8	42.0
7/19/2024	Sunny	70	6.6	38.5
8/14/2024	Sunny	72	6.3	14.5
Grand Total			18.7	95.0



Dive Results by Site

Dive Location	Avg. Water Depth	# of Dives	Underwater Dive Time	AIS Removed (cubic feet)
E Shoreline	4.0	1	0.7	2.0
Lagoon	5.0	3	8.6	56.0
NE Shoreline	3.7	3	4.3	21.0
NW Shoreline	2.0	1	0.5	1.0
W Shoreline	3.8	4	4.6	15.0
Grand Total	3.9	12	18.7	95.0

Dive Highlights and Recommendations: The dive team spent the first two days hitting multiple spots including the lagoon, W Shoreline, and NE Shoreline. The team encountered very organic substrate that quickly created turbidity after removing the rootballs, which significantly reduced visibility. On the August return visit, the team was able to revisit each site and found much less EWM. Overall, White Potato 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 White Potato Lake.

Map of White Potato 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
7/18/2024	NE Shoreline	45.15539	-88.19479	1.17	10.5	Small Plant Colony	4.5	Grasses	0.5	Organic
7/18/2024	W Shoreline	45.14739	-88.22141	1.25	7.0	Scattered	4.0	Grasses	0.5	Organic
7/18/2024	W Shoreline	45.14632	-88.22221	1.50	3.5	Scattered	3.5	Grasses	0.5	Organic
7/18/2024	Lagoon	45.14852	-88.19464	1.92	21.0	Scattered	5.0	Coontail	1.5	Organic
7/19/2024	NE Shoreline	45.15538	-88.19475	1.33	7.0	Clumps	3.0	Grasses	0.5	Organic
7/19/2024	W Shoreline	45.14637	-88.22218	1.00	3.5	Single or Few	4.5	Grasses	3.5	Organic
7/19/2024	Lagoon	45.14891	-88.19434	4.25	28.0	Scattered	5.0	Grasses	1.0	Organic
8/14/2024	NE Shoreline	45.15539	-88.19475	1.83	3.5	Scattered	3.5	Pondweeds	0.5	Organic
8/14/2024	Lagoon	45.14862	-88.19471	2.42	7.0	Scattered	5.0	Grasses	1.5	Organic
8/14/2024	E Shoreline	45.14984	-88.19661	0.67	2.0	Scattered	4.0	Pondweeds	0.5	Organic
8/14/2024	NW Shoreline	45.15601	-88.20234	0.50	1.0	Single or Few	2.0	None	0.0	Organic
8/14/2024	W Shoreline	45.14770	-88.22093	0.83	1.0	Single or Few	3.0	None	0.0	Organic
Total	12			18.67	95.0					