



# Stone Lake EWM Removal Report 2023

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# Stone EWM Removal Summary 2023

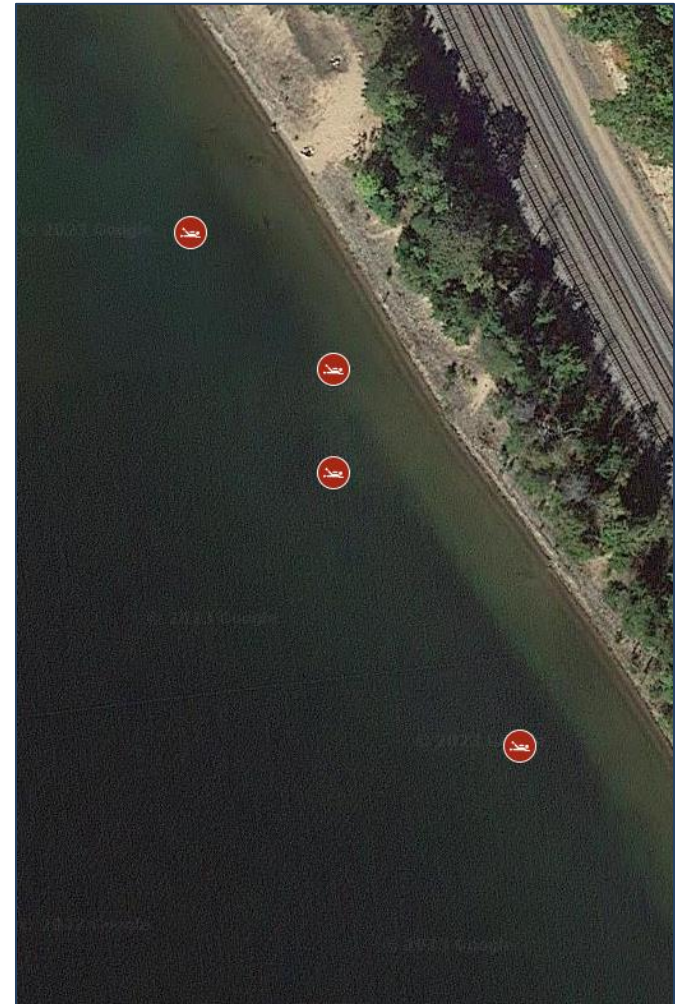
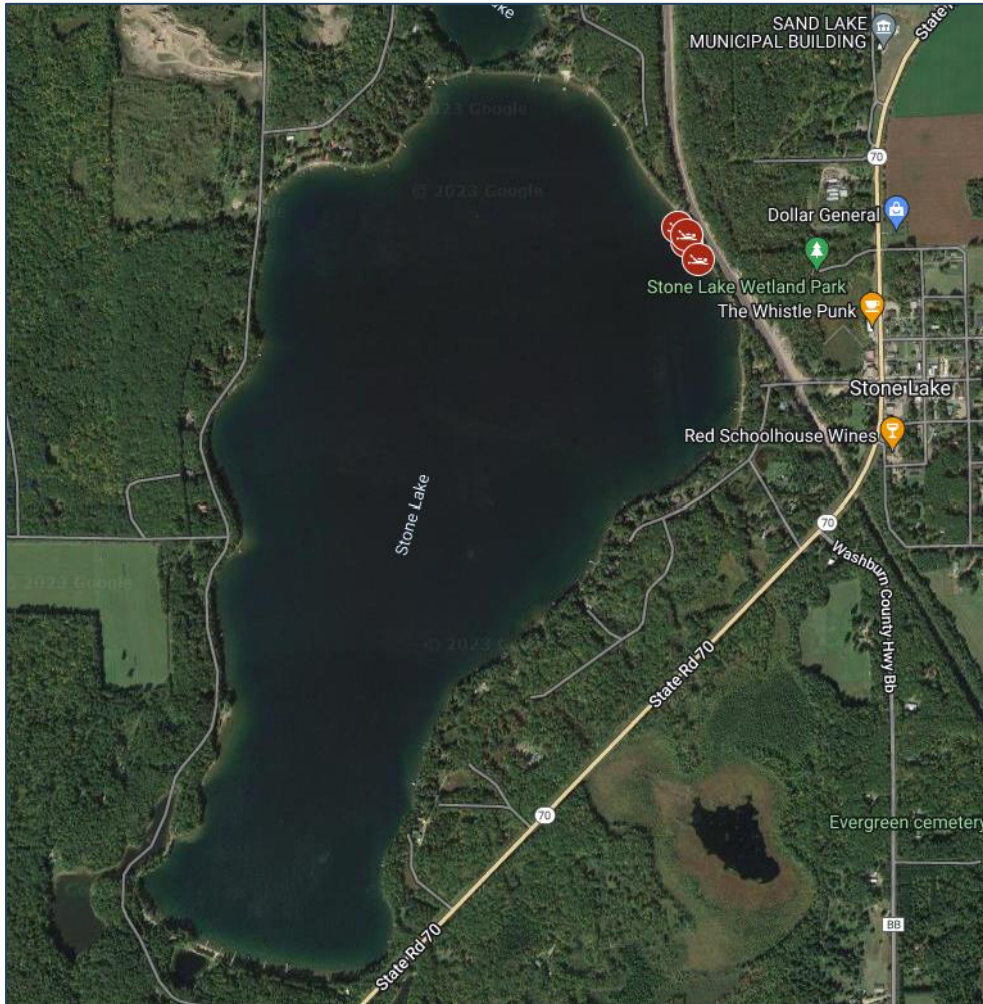
**Dive Background:** In August and September, Aquatic Plant Management LLC (APM) conducted one (1) day of hand harvesting and one (1) day of Diver Assisted Suction Harvesting (DASH) for Eurasian Watermilfoil (EWM) on Stone Lake in Sawyer County, WI. The team focused their efforts at 1 site as prioritized by the Shoreowners of Stone Lake Association. In total APM was able to remove **66 cubic feet of EWM** from Stone Lake.

Date	Weather Conditions	Water Temp (F)	Underwater Dive Time (hrs)	AIS Removed (cubic ft)
8/28/2023	Partly Cloudy	69	6.1	36.0
9/14/2023	Sunny	66	7.1	30.0
<b>Grand Total</b>			<b>13.2</b>	<b>66.0</b>

Dive Location	Avg. Water Depth	# of Dives	Underwater Dive Time	AIS Removed (cubic feet)
Site #1	8.3	4	13.2	66.0
<b>Grand Total</b>	<b>8.3</b>	<b>4</b>	<b>13.2</b>	<b>66.0</b>

**Dive Highlights and Recommendations:** The dive team first started hand harvesting on August 28<sup>th</sup> and removed a large portion of the infestation. Due to the density, we switched to DASH for the return visit and removed as much of the remaining plant colony as feasible. The final dive of the day, the DASH team moved slightly outside the buoys marking the prioritized area as they found more EWM. Overall, Stone 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 Stone Lake.

# Map of Stone 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
8/28/2023	Site #1	45.84891	-91.54765	6.08	36.0	Surface Matting	12.0	Pondweeds	0.0	Sand
9/14/2023	Site #1	45.84926	-91.54795	0.67	1.0	Clumps	7.0	None	0.0	Sand
9/14/2023	Site #1	45.84906	-91.54765	3.75	20.0	Clumps	7.0	Pondweeds	0.5	Sand
9/14/2023	Site #1	45.84851	-91.54726	2.67	9.0	Scattered	7.0	Pondweeds	0.5	Sand
<b>Total</b>	<b>4</b>			<b>13.17</b>	<b>66.0</b>					