



Pike Chain of Lakes EWM Removal Report 2023

PO Box 1134 Minocqua, WI 54548



Pike Chain of Lakes EWM Removal Summary 2023

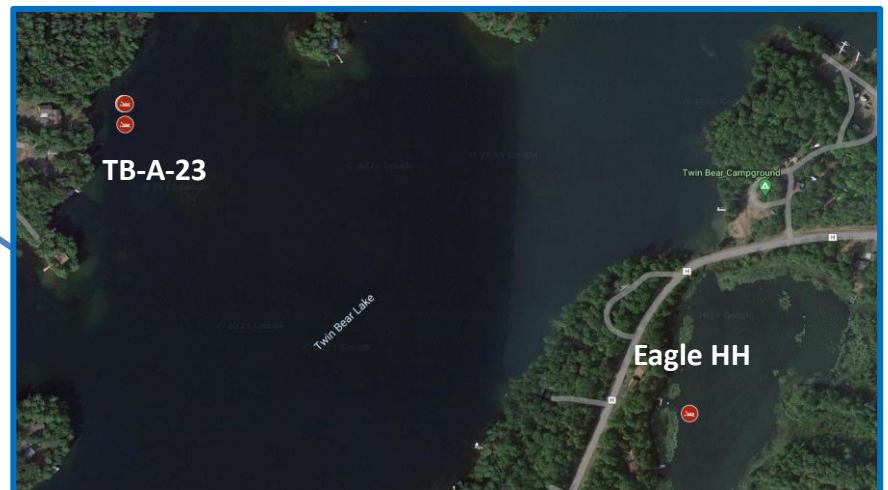
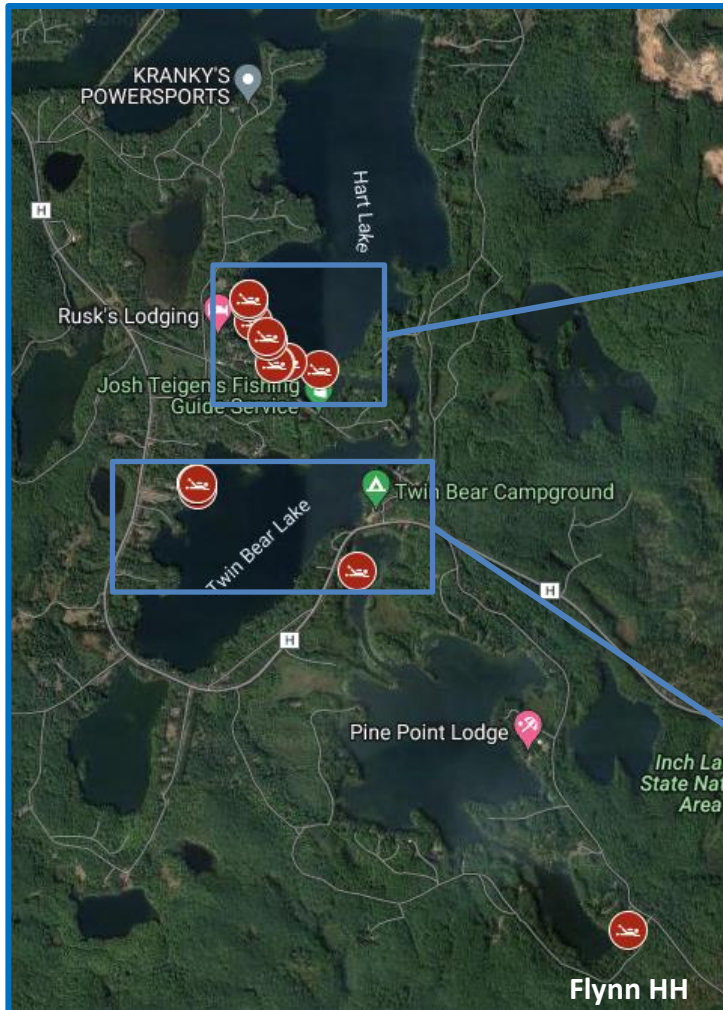
Dive Background: In August, Aquatic Plant Management LLC (APM) conducted four (4) days of Diver Assisted Suction Harvesting (DASH) and Hand Harvesting for Eurasian Watermilfoil (EWM) on Pike Chain of Lakes in Bayfield County, WI. The team focused their efforts at 5 sites as prioritized by the Pike Chain of Lakes Association. In total APM was able to remove **184.5 cubic feet of EWM** from Pike Chain of Lakes.

Date	Weather Conditions	Water Temp (F)	Underwater Dive Time (hrs)	AIS Removed (cubic ft)
8/14/2023	Cloudy	67	5.9	57.0
8/15/2023	Sunny	67	4.8	48.0
8/16/2023	Cloudy	70	6.3	64.0
8/17/2023	Cloudy	67	6.5	15.5
Grand Total			23.4	184.5

Dive Location	Avg. Water Depth	# of Dives	Underwater Dive Time	AIS Removed (cubic feet)
Eagle HH	6.0	1	3.3	10.0
Flynn HH	5.5	1	3.3	5.5
Hart-A-23	12.0	1	0.6	1.5
Hart-B-23	8.8	10	9.3	85.5
TB-A-23	12.0	5	7.0	82.0
Grand Total	9.5	18	23.4	184.5

Dive Highlights and Recommendations: The DASH team spent ~40% of their time on Hart Lake primarily at site Hart-B-23. Next, the team moved to Twin Bear lake, before shifting to hand harvesting at two additional sites in Eagle and Flynn lakes. Overall, the Pike Chain of Lakes 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 the Pike Chain of Lakes.

Map of Pike Chain of Lakes 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
8/15/2023	Hart-B-23	46.51375	-91.36649	0.67	5.0	Clumps	9.0	Pondweeds	0.5	Organic
8/15/2023	Hart-B-23	46.51442	-91.36728	1.00	7.5	Clumps	9.0	Coontail	1.5	Organic
8/15/2023	Hart-B-23	46.51517	-91.36756	0.58	2.0	Clumps	8.0	Coontail	1.0	Organic
8/15/2023	Hart-B-23	46.51528	-91.36750	0.67	7.0	Clumps	8.0	Pondweeds	0.5	Organic
8/15/2023	Hart-B-23	46.51528	-91.36750	1.08	8.5	Clumps	8.0	Coontail	0.5	Organic
8/15/2023	TB-A-23	46.50777	-91.37050	0.75	18.0	Surface Matting	14.0	None	0.0	Organic
8/14/2023	Hart-A-23	46.51249	-91.36353	0.58	1.5	Clumps	12.0	Pondweeds	0.5	Organic
8/14/2023	Hart-B-23	46.51281	-91.36533	1.33	8.0	Small Plant Colony	10.0	Coontail	0.5	Organic
8/14/2023	Hart-B-23	46.51272	-91.36602	1.67	14.0	Highly Dominant	10.0	Coontail	1.0	Organic
8/14/2023	Hart-B-23	46.51272	-91.36604	1.42	22.5	Highly Dominant	10.0	Coontail	2.5	Organic
8/14/2023	Hart-B-23	46.51365	-91.36645	0.58	5.5	Clumps	8.0	Coontail	0.5	Organic
8/14/2023	Hart-B-23	46.51379	-91.36649	0.33	5.5	Small Plant Colony	8.0	Coontail	0.5	Organic
8/16/2023	TB-A-23	46.50800	-91.37052	1.42	18.5	Surface Matting	12.0	Coontail	2.0	Organic
8/16/2023	TB-A-23	46.50800	-91.37052	1.50	9.5	Surface Matting	12.0	Coontail	6.0	Organic
8/16/2023	TB-A-23	46.50800	-91.37052	1.75	24.5	Surface Matting	12.0	Coontail	10.0	Organic
8/16/2023	TB-A-23	46.50800	-91.37050	1.58	11.5	Dominant	10.0	Coontail	0.5	Organic/Sand
8/17/2023	Eagle HH	46.50457	-91.36140	3.25	10.0	Dominant	6.0	Pondweeds	2.0	Organic
8/17/2023	Flynn HH	46.49047	-91.34589	3.25	5.5	Scattered	5.5	Grasses	1.0	Organic
Total	18			23.41	184.5					