

## Lakes Surveyed in 2010

Body of Water	Survey Date	Miles Covered	Acreage Covered	Invasive Species Found?	Type of Invasive Species	Latitude	Longitude	Notes
Bill Artwich, a biologist hired by ISCCW, surveyed several bodies of water in 2010. Bill describes his methodology and techniques below:								
"Surveys and monitoring work in the summer of 2010 were done with meander type searches to cover the littoral zone as completely as possible as well as other areas of the lake or stream where AIS (Aquatic Invasive Species) colonization is plausible. Most of the surveys and monitoring were done by visually inspecting the water column with the aid of polarized sunglasses while using small boats to complete the meander surveys. Rakes, aqua scopes and under water cameras were also used to aid in the monitoring and surveying for AIS. A GPS was used to record the track traversed during the surveying or monitoring as well as to record way points when AIS were found so they could be relocated. If AIS were found, the next step was to map its size and get an approximate density of the infestation."								
The results of his findings are listed below:								
<b>Allen Lake</b>	7/21/2010	4.78	11.584	No				
<b>Bass Lake</b>	8/1/2010	6.51	24.17	Yes	EWM			Huge EWM beds
<b>Beatons Lake</b>	9/9/2010	4.7	16.84	No				
	9/15/2010	6.07	22.14	No				
<b>Bonifas Creek</b>	10/15/2010	Waded		No				
	10/17/2010	3.4	8.27	No				
<b>Cisco Lake</b>	9/9/2010	1.18	2.87	No				
	9/22/2010	9.72	23.64	No				
<b>Crooked Lake</b>	8/23/2010							
	8/27/2010	3.52	13.07	Yes	EWM	46.24936	89.28175	1 EWM plant; 1 ft deep adjacent to dock about 4 feet off shore in debris. Plant very healthy. Hand pulled.
<b>Duck Lake</b>	6/20/2010			Yes	EWM	46.19497	89.22157	Sporadic Plants over a 20 yard area
					EWM	46.19053	89.21414	Multiple Plants in Cluster
					EWM	46.19036	89.21515	single plant approx. 3 feet east of buoy
	6/21/2010			Yes	EWM	46.19054	89.21809	Deep water for this early in the year, single plant approx 3 feet from surface
						EWM	46.18917	89.21822
					EWM	46.18824	89.21547	single plant, 6 ft of water
					EWM	46.18926	89.21471	single plant, healthy, 5 ft deep

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					EWM	46.18988	89.21568	single plant, 7 ft deep
					EWM	46.18962	89.22064	single plant, could possibly be more, mixed into tree limbs
					EWM	46.18958	89.22377	very healthy, robust plant, Jim's Find
					EWM	46.18975	89.22437	small, shallow water plant, Jim's Find
					EWM	46.18937	89.22490	buoy already very close to plant, not sure if it was treated
					EWM	46.20204	89.21375	Robust Plant
					EWM	46.20751	89.21375	shallow water, small plant
	6/22/2010			Yes	EWM	46.19231	89.22649	most extensive colony so far
					EWM	46.20529	89.21310	home owner surveyor found, healthy plant
					EWM	46.20135	89.22018	Jim's Find
					EWM	46.20118	89.22013	Jim's Find
	6/24/2010			Yes	EWM	46.22534	89.21223	single plant
	6/25/2010			Yes	EWM	46.20284	89.22030	very large colony, much larger than the colony on the south end
					EWM	46.20314	89.22034	multiple plants in deep water
					EWM	46.20341	89.22231	single plant, 4 ft deep
					EWM	46.19024	89.21844	multiple plants
					EWM	46.18824	89.21778	suspect plant, confirmed eurasian
	6/30/2010			Yes	EWM	46.20449	89.22051	multiple plants, 2 markers around plants, Jim's Find
					EWM	46.20429	89.22066	Jim's Find
					EWM	46.20411	89.22070	2 markers, multiple plants, Jim's Find
					EWM	46.20411	89.22035	Jim's Find
					EWM	46.20403	89.22032	single plant, deep
					EWM	46.20329	89.22017	Deep plant
					EWM	46.20263	89.22029	Just south of big colony found earlier, Jim's Find
<b>Imp Lake</b>	7/17/2010	2.7	10.02	No				
<b>Little Duck Lake</b>	7/29/2010	2.21	8.2	No				
<b>Long Lake</b>	7/22/2010	11.45	42.5	No				Weed roller on NW end and also a 4 inch steel pipe that protrudes from the bottom on the west shore that could be hazardous

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<b>Marion Lake</b>	7/18/2010			No				
	7/19/2010	17.68	65.63	No				
<b>Misery Bay (LVD)</b>	9/6/2010	9.39	22.84	Yes	Phragmites	46.158324	89.121346	Phragmites stand on shore adjacent to way point on shore. Not a very dominant stand yet.
					Phragmites	46.142874	89.111651	Large stand of Phragmites just north of way point on shore. Healthy robust stand.
<b>Ontonagon River</b>	9/26/2010	0.7	2.55	No				
<b>Palmer's Bay (Big Lake)</b>	7/10/2010	5.13	12.48	No				Collected a snail sample for suspect Chinese Mystery Snail
<b>Record Lake</b>	7/29/2010	13.16	32.01	No				Northern Milfoil was at high densities possibly why it was confused with EWM by some people who reported it.
	7/31/2010			No				
<b>Tamarack Lake</b>	8/9/2010	4.51	10.97	No				South end had a bad algal bloom at time of survey
<b>Thousand Island Lake</b>	8/12/2010	26.85	99.67	Yes	EWM	46.230681	89.39045	Single EWM plant, 6 ft deep, very healthy
					EWM	46.230426	89.385824	Single EWM plant, 5.5 ft deep, healthy appearance
					EWM	46.231985	89.380116	2 plants, healthy, 3 ft deep, right off the end of the Wilderness Bay dock
					Mystery Snail	46.225333	89.423712	Suspect Chinese Mystery Snail, seen throughout bay
					Mystery Snail	46.237598	89.405794	Suspect Chinese Mystery Snail
					Mystery Snail	46.239409	89.398345	Suspect Chinese Mystery Snail, most likely throughout whole lake