

Robert Riverview - 1.5-732-7642

Data Collectors	Matt Heeger, Tom Steltenpohl		Date	7-13-12
Lake Name	Left Foot	County	Marquette	WBIC
Start Time	9:40	End Time	12:10	524700
		Secchi Depth	19 19	Conductivity
			feet or meters (circle one)	340

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Hydrilla, Brazilian waterweed, Eurasian water-milfoil, curly-leaf pondweed, yellow floating heart, zebra mussel, quagga mussel, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail. List any other AIS found. If sites not snorkeled, take 50 rake and D-net samples during meander survey.

STEP 1: Record locations of sites (in decimal degrees) using a GPS unit (datum WGS84). List AIS found at each site or record none. Collect a sample of any suspected AIS found.

Boat Landing#	1	Species	BMS PL	Latitude	45.19542	Longitude	-088.01379	Density (1-5)	1/1
Boat Landing#	2	Species	not accessible - canoe portage adm	Latitude		Longitude		Density (1-5)	
Search Site#	1	Species	BMS	Latitude	45.19638	Longitude	-088.01589	Density (1-5)	1
Search Site#	2	Species	BMS PL	Latitude	45.19539	Longitude	88.01982	Density (1-5)	1/1
Search Site#	3	Species	BMS PL	Latitude	45.1999	Longitude	088.02521	Density (1-5)	1/1
Search Site#	4	Species	BMS PL	Latitude	45.19630	Longitude	088.02456	Density (1-5)	1/1
Search Site#	5	Species	BMS	Latitude	45.19300	Longitude	-088.01796	Density (1-5)	1
Search Site#		Species		Latitude		Longitude		Density (1-5)	
Meander Survey#	1	Species	BMS PL	Latitude	see below	Longitude		Density (1-5)	1/1
Meander Survey#	2	Species	BMS PL	Latitude	45.19850	Longitude	088.02361	Density (1-5)	1/1
Meander Survey#	3	Species	BMS	Latitude		Longitude		Density (1-5)	1
Meander Survey#	4	Species	BMS PL	Latitude		Longitude		Density (1-5)	1/1

Did you snorkel the search sites? Yes No If not, why? (circle one) stained water, turbid water, blue-green bloom, chemical treatment, other

Rake/D-net counts: Count 1 _____ Species 1 _____; Count 2 _____ Species 2 _____
 Count 3 _____ Species 3 _____; Count 4 _____ Species 4 _____

Step 2: Label first five specimens collected with species, collector, date, lake name, WBIC and Location # Send your specimens to an expert for verification. Instructions on how to voucher specimens and a list of statewide taxonomy experts can be found at: <http://dnr.wi.gov/invasives/aquatic/whattodo/staff/>

① PL 45.19538 -088.01952 01 45.19610 -088.01814 P1 45.19562 -088.01921

Step 3: Collect Waterflea Tows from three sites around the lake in water deeper than 15 feet (if possible).

Method used: horizontal tows (near surface) or X oblique tows (near bottom to surface if greater than 15 feet)
 Diameter of plankton net mouth (circle one) 30cm (50cm) other
 Depth sampled: Tow 1 56 ft Tow 2 62 ft Tow 3 35 ft
 Has ethanol been added? (Y/N) Have samples been consolidated into one bottle? (Y/N)

Step 4: Collect Veliiger Tows from three sites in 5-10 feet of water (within a meter of the bottom).

Guidelines: If Secchi depth is >4m take two 2m deep samples; if Secchi is between 2-4m take one 2m deep sample; if Secchi is <2m take one 1m tow.

Diameter of plankton net mouth (circle one) 30cm (50cm) other
 Has ethanol been added? (Y/N) Have samples been consolidated into one bottle? (Y/N)

Step 5: Data was entered into SWIMS on 7/16/12 by Matt Berger
 Date Name

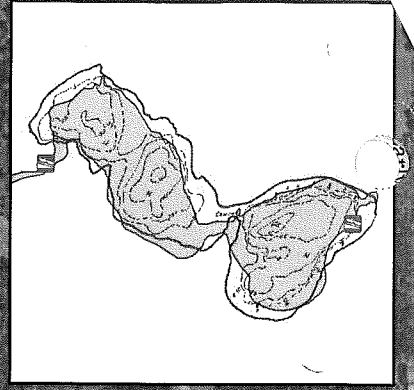
Notes:

Density Ratings

- 1 – A few plants or invertebrates
- 2 – One or a few plant beds or colonies of invertebrates
- 3 – Many small beds or scattered plants or colonies of invertebrates
- 4 – Dense plant, snail or mussel growth in a whole bay or portion of the lake
- 5 – Dense plant, snail or mussel growth covering most shallow areas

General guidance on areas to search for the 10 minute quick snorkel search sites:

- Check rocks for zebra/quagga mussels, faucet snails and New Zealand mudsnails.
- Check around small backyard boat launches.
- Check near creek inlets (especially if ALS are found upstream).
- Check the stems of emergent vegetation for climbing faucet snails.
- Check ; downwind of large boat landings.



524700 Left Foot Lake