

Data Collectors <u>Jodi Lupsch, Erin Vennie-Valkath</u>			Date <u>8/22</u>	
Lake Name <u>Prairie Lake</u>		County <u>Barron</u>		WBIC <u>2094100</u>
Start Time	End Time	Secchi Depth	feet or meters (circle one)	Conductivity

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. Record how many of the 50 samples have each AIS found in the "Count" spaces below.**

Did you snorkel the search sites? Y N **If not, why? (circle one)** stained water, turbid water, blue-green bloom, chemical treatment, other _____

Rake/D-net counts: Species 1 _____ Count _____; Species 2 _____ Count _____; Species 3 _____ Count _____; Species 4 _____ Count _____; Species 5 _____ Count _____; Species 6 _____ Count _____

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# <u>5</u>	Species <u>PL</u>	Latitude <u>45.383170</u>	Longitude <u>-91.717215</u>	Density (1-5) <u>2</u>
Boat Landing# <u>6</u>	Species _____	Latitude <u>45.371835</u>	Longitude <u>-91.696959</u>	Density (1-5) _____
Search Site# <u>4</u>	Species _____	Latitude <u>45.323880</u>	Longitude <u>-91.651340</u>	Density (1-5) _____
Search Site# <u>5</u>	Species _____	Latitude <u>45.349733</u>	Longitude <u>-91.681423</u>	Density (1-5) _____
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Meander Survey# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Meander Survey# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Meander Survey# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____

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/>

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 _____ 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 _____ft Tow 2 _____ft Tow 3 _____ft

Has ethanol been added? Y/N Have samples been consolidated into one bottle? Y/N

Step 4: Collect Veliger 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 9/10/12 by Evin Vennie-Vollrath
Date Name

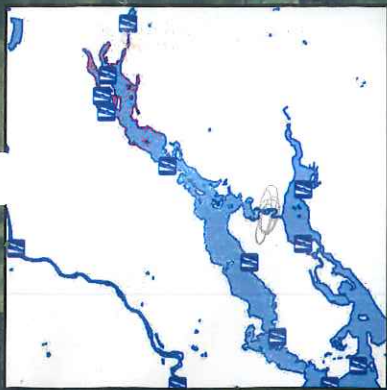
Notes:

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:

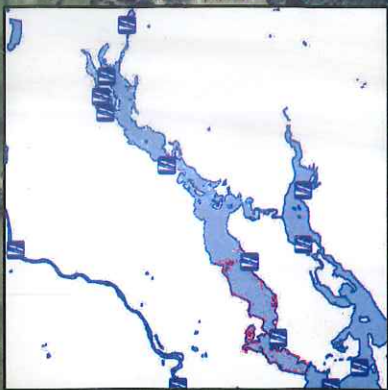
- Check rocks for zebra/quagga mussels, faucet snails and New Zealand mudsnails.
- Check around small backyard boat launches.
- Check near creek inlets (especially if AIS are found upstream).
- Check the stems of emergent vegetation for climbing faucet snails.
- Check areas downwind of large boat landings.



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