

Data Collectors <u>Scott + Erin</u>			Date <u>6/18/12</u>	
Lake Name <u>Lake Mary</u>		County <u>Kenosha</u>		WBIC <u>743000</u>
Start Time <u>11:30am</u>	End Time <u>5:30pm</u>	Secchi Depth <u>5.5</u> feet or meters (circle one)	Conductivity <u>11:45 AM</u>	

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.

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>1</u>	Species	<u>ZM, EWM, BMS</u>	Latitude	<u>42.52931</u>	Longitude	<u>-88.25342</u>	Density (1-5)	<u>3, 1, 1</u>
Boat Landing#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
Boat Landing#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
Search Site#	<u>1</u>	Species	<u>CLP, EWM, ZM, BMS</u>	Latitude	<u>N 42.51916°</u>	Longitude	<u>W 88.26411°</u>	Density (1-5)	<u>3, 3, 2, 1</u>
Search Site#	<u>2</u>	Species	<u>ZM, EWM, BMS</u>	Latitude	<u>42.52280°</u>	Longitude	<u>088.26136</u>	Density (1-5)	<u>4, 1, *</u>
Search Site#	<u>3</u>	Species	<u>ZM, EWM</u>	Latitude	<u>42.52553</u>	Longitude	<u>088.26089</u>	Density (1-5)	<u>3, 2</u>
Search Site#	<u>4</u>	Species	<u>ZM, EWM</u>	Latitude	<u>42.52963</u>	Longitude	<u>088.24882</u>	Density (1-5)	<u>3, 1</u>
Search Site#	<u>5</u>	Species	<u>ZM,</u>	Latitude	<u>42.51982</u>	Longitude	<u>88.25316</u>	Density (1-5)	<u>3</u>
Search Site#	___	Species	___	Latitude	___	Longitude	___	Density (1-5)	___
Meander Survey#	<u>4</u>	Species	<u>NLC - narrow-leaf cattail</u>	Latitude	<u>42.52459</u>	Longitude	<u>88.26241</u>	Density (1-5)	<u>4</u>
Meander Survey#	___	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 each specimen 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: Data was entered into SWIMS on 6/24/12 by Erin Vennia-Vollbrecht
Date Name

Notes:

SWF TOWS 30cm diameter TOW # 1-3:14 ft.

Didn't meander survey the NE corner due to high waves.
 Didn't snorkel site 4 due to high waves and poor visibility (a lot of sand), walked the shore instead.
 Didn't take ZM veliger tows b/c adult ZM were found.

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.



743000 Lake Mary