

Data Collectors <u>Mike Wampfler Frank Koshere</u>		Date <u>8/15/2012</u>
Lake Name <u>Big Sand</u>	County <u>Burnett</u>	WBIC <u>22676800</u>
Start Time <u>9:15 am</u>	End Time <u>1:05</u>	Secchi Depth <u>10.5</u> (feet) or meters (circle one)
		Conductivity

30% cloud cover, SE Wind @ 10 mph.

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 _____	Latitude <u>45° 49.333</u>	Longitude <u>W 92° 14.325'</u>	Density (1-5) _____
Boat Landing# <u>2</u>	Species <u>Eagle Deer Reserve, Private Land</u>	Latitude _____	Longitude _____	Density (1-5) _____
Boat Landing# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# <u>1</u>	Species <u>Snails</u>	Latitude <u>45° 48.861</u>	Longitude <u>92° 13.674'</u>	Density (1-5) <u>1</u>
Search Site# <u>2</u>	Species <u>Snails</u>	Latitude <u>45° 49.118</u>	Longitude <u>92° 12.153'</u>	Density (1-5) <u>1</u>
Search Site# <u>3</u>	Species <u>native Phragmites</u>	Latitude <u>45° 49.847</u>	Longitude <u>92° 12.197'</u>	Density (1-5) <u>1</u>
Search Site# <u>4</u>	Species <u>Snails (cattails?)</u>	Latitude <u>45° 50.052</u>	Longitude <u>92° 13.071</u>	Density (1-5) <u>1</u>
Search Site# <u>5</u>	Species <u>Snails</u>	Latitude <u>45° 49.842</u>	Longitude <u>92° 14.061</u>	Density (1-5) <u>1</u>
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Meander Survey# <u>1</u>	Species <u>Purple loosestrife</u>	Latitude <u>45° 49.863'</u>	Longitude <u>92° 13.802'</u>	Density (1-5) <u>1</u>
Meander Survey# <u>2</u>	Species <u>P. Loosetia</u>	Latitude <u>45° 49.755'</u>	Longitude <u>92° 14.182'</u>	Density (1-5) <u>1</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) _____

500 mg
 12/2/12
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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 _____ by _____
Date Name

Notes:

- Spring water filter tow over deep hole, 3 tows, \approx 40'-55' depth
- 2m tows -- 3 tows on 5 shore points
- Cattails (Typha) may be pioneering many shores. Not clear if new or established typha stands
- 10.2 miles via GPS in shore survey.

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.