

* Get 250m cup
 * Patch holes in bottom net
 * Get Joe Curran's gear's equipment

Data Collectors <i>Alex Smith & Pamela Tashner</i>		Date <i>14 June 2011</i>
Lake Name <i>Magnor Lake</i>	County <i>Polk</i>	WBIC <i>2624600</i>
Start Time <i>10:48</i>	End Time	Secchi Depth <i>7.5</i>
feet or meters (circle one)		Conductivity <i>sample collected</i>

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>(down) 1</u>	Species <u>CMS</u>	Latitude <u>45.31873</u>	Longitude <u>-92.20125</u>	Density (1-5) <u>3</u>
Boat Landing#	Species	Latitude	Longitude	Density (1-5)
Boat Landing#	Species	Latitude	Longitude	Density (1-5)
Search Site# <u>1</u>	Species <u>45.31870 CUP</u>	Latitude <u>45.31870</u>	Longitude <u>-92.21021</u>	Density (1-5) <u>2</u>
Search Site# <u>2</u>	Species <u>-</u>	Latitude <u>45.32161</u>	Longitude <u>-92.20813</u>	Density (1-5) <u>-</u>
Search Site# <u>3</u>	Species <u>-</u>	Latitude <u>45.32624</u>	Longitude <u>-92.20980</u>	Density (1-5) <u>-</u>
Search Site# <u>(down) 4</u>	Species <u>CMS</u>	Latitude <u>45.32595 45.32315</u>	Longitude <u>W092.20023 -92.19793</u>	Density (1-5) <u>1</u>
Search Site# <u>5</u>	Species <u>CMS</u>	Latitude <u>45.32315 45.32315</u>	Longitude <u>W092.20023 W092.20023</u>	Density (1-5) <u>2</u>
Search Site# <u>(down) 6</u>	Species <u>open water 10ft shore to W</u>	Latitude <u>45.32315 45.32315</u>	Longitude <u>W092.20023 W092.20023</u>	Density (1-5) <u>2</u>
Meander Survey# <u>1</u>	Species <u>Chinese mystery snail</u>	Latitude <u>N45.019.144</u>	Longitude <u>W092.2.287</u>	Density (1-5) <u>1</u>
Meander Survey# <u>2</u>	Species <u>CLP</u>	Latitude <u>45.32024</u>	Longitude <u>-92.21094</u>	Density (1-5) <u>3</u>
Meander Survey# <u>3</u>	Species <u>CMS</u>	Latitude <u>N45.019.251</u>	Longitude <u>W1092.012.500</u>	Density (1-5) <u>1</u>
Meander Survey# <u>4</u>	Species <u>BMS</u>	Latitude <u>45.37614</u>	Longitude <u>-92.21008</u>	Density (1-5) <u>-</u>
Meander Survey# <u>5</u>	Species <u>Phragmites? NFNV?</u>	Latitude <u>45.019.542</u>	Longitude <u>W092.011.931</u>	Density (1-5) <u>2</u>

Step 2: Label each specimen collected with species, collector, date, lake name, WBIC and Location #

Step 3: Data was entered into SWIMS on _____ by _____

Date

Name

Notes:

% Shoreline developed
of Type of boat landings

Chinese mystery snails very widespread, especially along hard-bottomed shorelines (N, NE, SE)

Density Ratings

- 1 – A few plants
- 2 – One or a few beds
- 3 – Many small beds or scattered plants
- 4 – Dense plant growth in a whole bay or portion of the lake
- 5 – Dense plant 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.