

Data Collectors <i>Pamela Toshner & Alex Smith</i>			Date <i>07/12/11</i>
Lake Name <i>South Twin Lake (Matthews)</i>		County <i>Waukesha</i>	WBIC
Start Time <i>09:27</i>	End Time <i>12:30</i>	Secchi Depth <i>15 ft</i>	Conductivity <i>46 us/cm</i> (double check)
<i>Matthews 12:45</i>		<i>16:00</i>	<i>11 ft</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#	Species	Latitude	Longitude	Density (1-5)
<i>South Twin Boat Landing# 1</i>	<i>Species CMS</i>	<i>46.05715</i>	<i>-91.96584</i>	<i>4</i>
<i>Matthews Boat Landing# 1</i>	<i>Species CMS</i>	<i>46.02735</i>	<i>-91.96625</i>	<i>1</i>
<i>Search Site# 1</i>	<i>Species CMS</i>	<i>46.06327</i>	<i>91.96706</i>	<i>4</i>
<i>Search Site# 2</i>	<i>Species CMS</i>	<i>46.02808</i>	<i>91.95863</i>	<i>4</i>
<i>Search Site# 3</i>	<i>Species CMS</i>	<i>46.06235</i>	<i>91.95178</i>	<i>2</i>
<i>Search Site# 4</i>	<i>Species CMS?</i>	<i>46.06027</i>	<i>91.95906</i>	<i>2</i>
<i>Search Site# 5</i>	<i>Species CMS</i>	<i>46.01751</i>	<i>91.96041</i>	<i>2</i>
<i>Search Site# 6</i>	<i>Species CMS</i>	<i>46.05854</i>	<i>91.96040</i>	<i>2</i>
<i>Search Site# 7</i>	<i>Species CMS</i>	<i>46.05812</i>	<i>91.96135</i>	<i>2</i>
<i>Search Site# 8</i>	<i>Species CMS</i>	<i>46.02577</i>	<i>91.96512</i>	<i>2</i>
Meander Survey#	Species	Latitude	Longitude	Density (1-5)
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Step 2: Label each specimen collected with species, collector, date, lake name, WBIC and Location #

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

Notes:

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.