

Data Collectors <i>Matt Hooper, Amanda Hooper</i>			Date <i>8-27-12</i>
Lake Name <i>Lake Solita</i>		County <i>Forestburg</i>	WBIC <i>16143500</i>
Start Time <i>1:00pm</i>	End Time <i>1:45pm</i>	Secchi Depth <i>1</i>	Conductivity <i>170</i>
Feet or meters (circle one)			

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.**

**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# 1 Species BMS Latitude 45.30651 Longitude 89.06212 Density (1-5) 3

Boat Landing# \_\_\_\_\_ Species \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Density (1-5) \_\_\_\_\_

Search Site# 1 Species BMS Latitude 45.79888 Longitude 89.04669 Density (1-5) 2

Search Site# 2 Species None Latitude 45.80580 Longitude 89.02077 Density (1-5) 1

Search Site# 3 Species None BMS Latitude 45.80072 Longitude 89.03445 Density (1-5) 2

Search Site# 4 Species CMS, BMS Latitude 45.78801 Longitude 89.01797 Density (1-5) 4

Search Site# 5 Species CMS Latitude 45.78635 Longitude 89.06113 Density (1-5) 3

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) \_\_\_\_\_

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: Count 1 \_\_\_\_\_; Count 2 \_\_\_\_\_; Species 1 \_\_\_\_\_; Species 2 \_\_\_\_\_

Count 3 \_\_\_\_\_; Species 3 \_\_\_\_\_; Count 4 \_\_\_\_\_; Species 4 \_\_\_\_\_

**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/>