

245 1.75

Data Collectors <u>Diane Daulton Terry Daulton</u>		Date <u>8/4/13</u>
Lake Name <u>Lake Six</u>		County <u>Iron</u> WBIC <u>2294500</u>
Start Time <u>14:50 (3pm)</u>	End Time <u>16:30</u>	Secchi Depth <u>7 red marks</u> feet or meters (circle one) <u>1.2 meters</u> Conductivity _____

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. Record how many of the 50 samples have each AIS found in the "Count" spaces below.**

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: Species 1 _____ Count _____ ; Species 2 _____ Count _____ ; Species 3 _____ Count _____ ; Species 4 _____ Count _____ ; Species 5 _____ Count _____ ; Species 6 _____ Count _____

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.

new AIS sign at landing

Boat Landing#	Species	Latitude	Longitude	Density (1-5)
Boat Landing# <u>1</u>	Species _____	Latitude <u>46.23603</u>	Longitude <u>90.29282</u>	Density (1-5) _____
Search Site# <u>1</u>	Species <u>native fragmites</u>	Latitude <u>46.23452</u>	Longitude <u>90.28940</u>	Density (1-5) _____
<i>House inlet</i> Search Site# <u>2</u>	Species <u>Ø</u>	Latitude <u>46.23175</u>	Longitude <u>90.28673</u>	Density (1-5) _____
Search Site# <u>3</u>	Species <u>Ø</u>	Latitude <u>46.23070</u>	Longitude <u>90.28666</u>	Density (1-5) _____
<i>inlet</i> Search Site# <u>4</u>	Species <u>freshwater spongy</u>	Latitude <u>46.22966</u>	Longitude <u>90.29607</u>	Density (1-5) _____
<i>wetland</i> Search Site# <u>5</u>	Species <u>native fragmites</u>	Latitude <u>46.23577</u>	Longitude <u>90.29560</u>	Density (1-5) _____
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) _____

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/>

entered 9/30

***For lakes/sites not snorkeled, substitute:**

Boat landing site - 15 rake throws and 15 D-net samples OR 30 minutes, whichever comes first

Targeted site - 5 rake throws and 5 D-net samples OR 10 minutes, whichever comes first

50 meander sites - 10 rake throws and 10 D-net samples during meander survey between sampling sites for a total of 50 meander survey sites

****If lake/site was not snorkeled, indicate why: stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).**

***** 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

Step 2: Collect Waterflea Tows from 3 sites: the deep hole (DH) and 2 other sites in water deeper than 15 feet (if possible). Submit sample and Water Flea Tow Monitoring Report form to Science Services.

Site	Depth sampled	Method (hor, <u>obliq</u> , vert)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
1	9'		30 cm	Y	Y	10/25/13
2	9'					
3	9'					

Step 3: Collect Veliger Tows from 3 sites; the deep hole (DH), outlet site (OS), and or downwind site (DS) in water depth of about 4 meters (if possible). Submit sample and Mussel Veliger Tow Monitoring Report form to Science Service.

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, Other _____

Step 5: Were snail voucher specimens submitted (separate into Chinese, banded, all others)? Yes No (circle) If yes, where? (circle) UW La Crosse or Other _____

Step 6: Data was entered into SWIMS on 9/30 by PKD

Step 7: Data was proofed on here by _____

Notes: