

Instructions: Bold fields must be completed.

Location Name	WBIG	County	Date(s)	AIS sign?	Section (ft or m)	Conductivity (µmhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs:xx#pp)
Mind	204400	Barron	July 1, 2015	N	2A	114	Alex, Mart, Rachel	9:30	12:00	7.5

STEP 1: Circle species that you looked for and review the Identification Handout.

<input type="checkbox"/> AQUATIC PLANTS/ALGAE	<input type="checkbox"/> Hydrilla	<input type="checkbox"/> Water hyacinth	<input type="checkbox"/> Water chestnut	<input type="checkbox"/> Purple loosestrife	<input type="checkbox"/> INVERTEBRATES	<input type="checkbox"/> Faucet snails	<input type="checkbox"/> Other (please specify)
<input type="checkbox"/> European frog bit	<input type="checkbox"/> Curly leaf pondweed	<input type="checkbox"/> Water lettuce	<input type="checkbox"/> Water lettuce	<input type="checkbox"/> Yellow flag iris	<input type="checkbox"/> Zebra/quagga mussels	<input type="checkbox"/> Chinese/Banded mystery snails	
<input type="checkbox"/> Yellow floating heart	<input type="checkbox"/> Fanwort	<input type="checkbox"/> Eurasian water milfoil	<input type="checkbox"/> Flowering rush	<input type="checkbox"/> Japanese knotweed	<input type="checkbox"/> Asian clam	<input type="checkbox"/> Rusty/red swamp crayfish	
<input type="checkbox"/> Brazilian waterweed	<input type="checkbox"/> Parrot feather	<input type="checkbox"/> Bidjuna	<input type="checkbox"/> Piragmites	<input type="checkbox"/> Japanese hop	<input type="checkbox"/> New Zealand mudsnails	<input type="checkbox"/> Spiny/fishhook waterflea	

STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with WBIG, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate ethanol.

Site	Latitude	Longitude	Snorkel (Y/N)	If no, indicate why?	Species name, density (I-S) <sup>1</sup> , and live (L) or dead (D) <sup>2</sup>	Sample (Y/N)	Photo (Y/N)	No AIS	Comments
TS-1	45.35577	91.64767	N	Algae	CMS-5 L		N		
TS-2	45.36432	91.65244			Chinese mystery-5L, Banded mystery-5L	Y	N		
BL-1	45.36719	91.65193						X	
TS-3	45.36759	91.65249			Chinese mystery-5 L	Y	N		
ASA									
TS-4	45.36024	91.65908			CMS-5, L+D		N		
BL-2	45.35411	91.65150			CMS-5 BMS-5 L+D		N		
TS-5	45.35524	91.64744			CMS-5, L+D		N		

\* boat landing (BL), target site (TS), meander survey (MS).

\* Strained 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, or 5-dense plant, snail or mussel growth covering most shallow areas.  
 \* Live (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments.

**STEP 3:** Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services. Legibility is appreciated.

Latitude	Longitude	Method*	Netting depth (m)	Net diameter†	Ethanol†	Samples combined (N or N)	Date sent
45.35683	91.65080	HD8	1m	50	N/D	Y	7-25-2015
45.35700	91.65060		1m				
45.35559	91.65339		1m				

**STEP 4:** Collect vertical Veilger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veilger Tow Monitoring Report (3200-135) to DNR Science Service. Legibility is appreciated.

Latitude	Longitude	Netting depth (m)	Net diameter†	Ethanol†	Samples combined (N or N)	Date sent
45.35704	91.65176	1m	50	N/D	Y	7-25-2015
45.35704	91.65180					
45.35703	91.65229					

\*Horizontal, oblique, or vertical.  
†30 or 50 cm.

#Non-denatured or denatured ethanol.

**STEP 5:** Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

- Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-person appointment. Please indicate which herbarium: Freckmann Herbarium, Wisconsin State Herbarium, Other \_\_\_\_\_ Date of herbarium meeting \_\_\_\_\_
- Snails will be compiled with other regional snail specimens and sent to UW La Crosse. Date sent 7-25-2015.
- Dreissenids will be sent to Science Services. Date sent \_\_\_\_\_
- Crayfish compiled and sent to: Craig Roessler or Scott VanEgeren. Date \_\_\_\_\_

**STEP 6:** Data was entered into SWIMS on 7-29-2015 by Rachel Peacher

Once data is entered, send scans of data sheets to central office ([Maureen.Ferry@Wisconsin.gov](mailto:Maureen.Ferry@Wisconsin.gov) and [Amanda.Perdzock@Wisconsin.gov](mailto:Amanda.Perdzock@Wisconsin.gov)).

**STEP 7:** Data was proofed on \_\_\_\_\_ by \_\_\_\_\_

**Notes:**

Native snail sample collected.