

Instructions: Bold fields must be completed.

Location Name	W/BIC	County	Date(s)	AIS sign?	Section (if any)	Conductivity (µmhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs x # ppl)
Chetek Lake	209-208	Barron	July 1, 2015	Y	2A116		Chris Riedel	12:00	3:15	9:75

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

AQUATIC PLANTS/AIS/AE	Hydrilla	Water hyacinth	Water chestnut	Purple loosestrife	INVERTEBRATES	Fauna: snails	Other
<input type="checkbox"/> European frog bit	<input type="checkbox"/> Curly leaf pondweed	<input type="checkbox"/> Water lettuce	<input type="checkbox"/> RIPARIAN PLANTS	<input type="checkbox"/> Yellow flag iris	<input type="checkbox"/> Zebra/quagga mussels	<input type="checkbox"/> Chinese/Banded/mystery snails	(please specify)
<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"/> Didymo	<input type="checkbox"/> Phragmites	<input type="checkbox"/> Japanese hop	<input type="checkbox"/> New Zealand mudsnails	<input type="checkbox"/> Spiny/fishhook water flea	

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 W/BIC, 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 (1-5) [†] , and live (L) or dead (D) [‡]	Sample (Y/N)	Photo (Y/N)	No. AIS	Comments
TS-1	45.32528	91.63144	N	Algae	CP-2 (voucher collected)	Y			
TS-2	45.32496	91.62545			CMS-3	Y			
RL-1	45.31849	91.62422			CMS-1 D+L, BMS-1	N			
TS-3	45.30932	91.61136			CMS-1, D	N			
BL-2	45.31005	91.61797			CMS-1, D	Y			
RL-3	45.31005	91.63331			GMS-1, D	N			
TS-4	45.32228	91.64825			CMS-1, D	N			
TS-5	45.32215	91.63277			CMS-2, L	N			

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

†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 while 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 of N)	Date sent
45.31369	91.62705	HR	1	50	N/A	1	7-25-2015
45.31356	91.62785	1	1	1	1	1	
45.31291	91.62788	1	1	1	1	1	

STEP 4: Collect vertical Veiliger 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 Veiliger Tow Monitoring Report (3200-135) to DNR Science Service. Legibility is appreciated.

Latitude	Longitude	Netting depth (m)	Net diameter†	Ethanol†	Samples combined (N of N)	Date sent
45.31287	91.62746	1	50	N/A	1	7-25-2015
"	"	1	1	1	1	
"	"	1	1	1	1	

*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 Roesler or Scott VanEggen. 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 and Amanda.Perzock@Wisconsin.gov).

STEP 7: Data was proofed on _____ by _____

Notes:

Natural snail sample collected.