

Instructions: **Bold** fields must be completed.

Location Name	WBIC	County	Date(s)	AIS sign?	Secchi (ft or m)	Conductivity (µM/2.99 umhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs x # ppl)
Upper Turtle	807980	Barron	6-15-15	Y	15.5		Alex Mark	900	1300	8

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

AQUATIC PLANTS/ALGAE	Hydrilla Curly leaf pondweed Yellow floating heart Brazilian waterweed	Water hyacinth Water lettuce Eurasian water milfoil Didymo	Water chestnut RIPARIAN PLANTS Flowering rush Phragmites	Purple loosestrife Yellow flag iris Japanese knotweed Japanese hop	INVERTEBRATES Zebra/quagga mussels Asian clam New Zealand mudsnails	Faucet snails Chinese/Banded mystery snails Rusty/red swamp crayfish Spiny/fishhook waterflea	Other (please specify)
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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 WBIC, 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
✓ BL-1	45.4079	-92.0896	N		CLP - 3 live	Y	N		
✓ TS-1	45.41850	-92.09174	1		CMS - 1 live CP-2 live	Y	N		
✓ TS-2	45.42120	-92.09106	1		CMS - 2 live CLP-1 live	N	N		
✓ TS-3	45.43611	-92.11119	1		CLP-3 live	N	N		
✓ TS-4	45.42918	-92.10892	1		CLP-3 live	N	N		
✓ BS-5	45.41756	-92.09460	1		CMS-1 live CLP 3 live	N	N		
✓ MS	45.41711	-92.09550		↑	PL? 2nd observer	Y	Y		

*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 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.

CLP scattered around entire LK

Aerator 45.42371 Hard Sand around boat
92, 10339 muck around 95ft

(5.5m)

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*	Net ring depth (m)†	Net diameter†	Ethanol‡ diameter†	Ethanol‡	Samples combined (Y or N)	Date sent
✓ 45.41897	92.09386	Ob1	16ft	50cm	Non-denatured	Y	7-25-2015	
✓ 45.41875	92.09347	↓	20ft	↓	↓	↓		
✓ 45.41838	92.09343	↓	21ft	↓	↓	↓		

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	Net ring depth (m)	Net diameter	Ethanol‡	Samples combined (Y or N)	Date sent
✓ 45.4183	-92.0931	2	50cm	Non D	Y	7-25-2015
✓ 45.4188	-92.0947	↓	↓	↓	↓	
✓ 45.4173	-92.0929	↓	↓	↓	↓	

*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 7-28-2015 by Rachel Peacher

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

STEP 7: Data was proofed on _____ by _____

Notes:

Native snail sample collected.