

Chloe  
43-05438  
-RB-30325

Stop <sup>on side</sup> - 43.06212 - 88.31254

CMS  
CLP  
EWM  
ZM  
Start <sup>on side</sup> - 43.05750  
- 88.29384

Aquatic Invasive Species (AIS) Early Detection Monitoring Data Form

Form 3200-xxx (R 5/2015)

Instructions: Bold fields must be completed.

Location Name	WBIC	County	Date(s)	AIS sign?	Secchi (ft or (m))	Conductivity (ZM ≥ 99 umhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs x # ppl)
Pewaukee Lk	772000	Waukesha	8/3/15		3.8		JS RC	9:30	11:30	

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

AQUATIC PLANTS/ALGAE	Hydrilla	Water hyacinth	Water chestnut	Purple loosestrife	INVERTEBRATES	Faucet snails	Other (please specify)
European frogbit	Curly leaf pondweed	Water lettuce	RIPARIAN PLANTS	Yellow flag iris	Zebra/quagga mussels	Chinese/Banded mystery snails	
Yellow floating heart	Fanwort	Eurasian water milfoil	Flowering rush	Japanese knotweed	Asian clam	Rusty/red swamp crayfish	
Brazilian waterweed	Parrot feather	Didymo	Phragmites	Japanese hop	New Zealand mudsnails	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 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.

Stayed long enough to call a target site

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
MS1	43.05951	-88.34076	N		EWM 2L	Y	N		turn of view
MS2	43.06046	-88.33637	N		EWM 4L	N	Y		between rocks
TS1	43.06016	-88.33630	Y		EWM 4L, CLP 1L, ZMD 2, L1	Y	Y		rocky shoreline drops if fast
MS3	43.05930	-88.31899	N	Turbid	CLP 3L, EWM 3				Inter-outlets
MS4	43.05806	-88.29711	N	—	PL 1L, ZM 1L	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 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.

Team 2

**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‡	Samples combined (Y or N)	Date sent
43.06412	<del>88.3092</del>	0	12.12	SD	Y	Y	
43.06412	-88.3208	0	11	SD	Y	Y	
43.07445	88.30958	0	3	SD	Y		

**STEP 4:** Collect vertical Velliger 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 Velliger 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

\*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 \_\_\_\_\_.
- Dreissenids will be sent to Science Services. Date sent \_\_\_\_\_.
- Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date \_\_\_\_\_.

**STEP 6:** Data was entered into SWIMS on \_\_\_\_\_ by \_\_\_\_\_.

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:

*Copy of this table to table 4 lab. JS*