

CLP Voucher needed
EWM/CLP known

2.75
4.75

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name Delton	County Sauk	WBIC 1295400	Date(s) 7/30/14	AIS sign? Y N	Secchi (ft or m) 2.4	Conductivity (ZM tow if ≥ 99 umhos/cm)
Data collectors Jeanne Scherer Katrina Punzel		Lead Monitor phone and email jeanne.scherer@wisconsin.gov 608-235-3602	Start time (~ 15 min) 10:12/5	End time (~ 15 min) 1:30 3:15	Total collector time (hrs x # collectors) 9.0	

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Japanese knotweed, Yellow iris, Eurasian water-milfoil, curly-leaf pondweed, Hydrilla, Brazilian waterweed, yellow floating heart, European frog-bit, yellow floating heart, water chestnut, Brazilian waterweed, fanwort, parrot feather, water hyacinth, water lettuce, zebra mussel, quagga mussel, water flea, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail, Asian clam, red swamp crayfish, rusty crayfish, didymo, and any other AIS found.

STEP 1: Record locations of sampling sites (in decimal degrees). Sampling sites include all public boat landings (BL), 5 target sites (TS) and the meander survey sites (MS). List AIS found at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and 3 of each snail species and include internal and external labels with WBIC, lake name, 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 or N*)	If N snorkel, indicate why†	Species, density 1-5‡
BL1	43.59041	-89.78635 ✓	N	BG algae	
TS1	43.60088	89.76953 ✓			
MS1	43.59711	89.77647 ✓			
TS2	43.59490	-89.77956			PL-1 PL2, (EWM Floating)
MS2	43.59449	89.78523			PL1
TS3	43.59315	89.78861			PL1
MS3	43.60115	89.78063			PL2
BL2	43.60624	89.78329		Turbid	
TS4	43.60681	89.77940			couple floating EWM leaves
BL3	43.60641	89.77879		Turbid	
TS5	43.60455	89.77497 ✓			
MS3	43.60525	89.77071 ✓			potential yellow iris

Dell Creek
Did tow after launch + start meander at DAM end of the lake

NO AIS sign

Li on side of mansion

*For lakes/sites not snorkeled, substitute:

Boat landing site - Examine rake throws and D-net samples for 30 minutes.
 Targeted site - Examine rake throws and D-net samples for 10 minutes.
 Meander - Examine 50 rake throws/D-net samples during meander survey.

†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 the deep hole (DH). Decant 5 water and preserve the sample. Submit the sample, this data form and the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services.

Divided into 2 bottles

Site	Net ring depth	Method (hor, obliq, vert)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
DH1	3	0	50	Y	Y	
DH2	3	0	50	Y	Y	
DH3	2	0	50	Y	Y	8/19/14

Step 3: Collect Velliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Submit the sample, this data form and the Mussel Velliger Tow Monitoring Report (3200-135) to DNR Science Service.

Site	Net ring depth	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
DH1	3	50	Y	Y	
DH2	3	50	Y	Y	
DH3	1.5	50	Y	Y	8/19/14

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, indicate where: Freckmann Herbarium, Wisconsin State Herbarium, Other _____
 Step 5: Were snail voucher specimens submitted for all records (circle)? Yes No (circle) If yes, where? (circle) UW-La Crosse or other _____

Step 6: Data was entered into SWIMS on 8/19/2014 by J. Scherer
 Step 7: Data was proofed on 8/22/14 by K. Runk

Notes:

Collected (Plankton) sweep of CLB, sweeps of EUB, little to no plants in most of lake