Jeanne.Scherer@wisonsin.gov
608-275-3283

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name	County		WBIC	AIS sign? Y N	Secchi (ft or m)	Conductivity (ZM tow if ≥ 99 umhos/cm)
Crystal Lake	Columbia/	Dane	978900	Ⓝ	3'	
Date(s) 6/27/13	Data collectors Jeanne Scherer Teddy Rebischke		Start time (nearest 15 min) 11:15	End time (nearest 15 min) 2:45		Total collector time (hrs x # collectors) 7

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Hydrilla, Brazilian waterweed, Eurasian water-milfoil, curly-leaf pondweed, yellow floating heart, zebra mussel, quagga mussel, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail, didymo, water flea, and any other AIS found.

STEP 1: Record locations of sampling sites (in decimal degrees). Sampling sites include all public boat landings (BL), 5 targeted 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 30 of each snail species and label with species, collector, date, lake name, WBIC and sampling site.

Site	Latitude	Longitude	Snorkel (Y or N[*])	If N snorkel, indicate why[†]	Species, density 1-5[‡]
BL1	43.28604	89.61826	Y		EWM(3)
ms1	43.28556	89.61363			CLP 1
ms2	43.28519	89.60793			EWM(3)
ms3	43.28568	89.60666			~~Ew~~ CLP(2)
ms4	43.28717	89.60614			CLP(1)
ms5	43.28746	89.60608			CLP(3)
ms6	43.2929030	89.60612			EWM(2)
TS1	43.29102	89.60612	N	Algae! Too turbid	EWM(3) CLP(2)
ms7	43.29175	89.60653			EWM (4)
TS2	43.29126	89.61543	N	Algae! Too turbid	EWM(4) CLP(1)
TS3	43.29701	89.63000	N	Algae/Turbid	EWM 1 CLP (floating piece)
TS4	43.29618	89.63849	N	" "	—
TS5	43.28902	89.63682	N	" "	EWM(4) CLP(1) ~~floating small plant~~
ms8	43.28636	89.63050	N		EWM(4) CLP(4)

*For lakes/sites not snorkeled, substitute:

Boat landing site - 15 rake throws and 15 D-net samples OR 30 minutes, whichever comes first
Targeted site - 5 rake throws and 5 D-net samples OR 10 minutes, whichever comes first
50 meander sites - 10 rake throws and 10 D-net samples during meander survey between sampling sites for a total of 50 meander survey sites

possible

†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 3 sites: the deep hole (DH) and 2 other sites in water deeper than 15 feet (if possible). Submit sample and Water Flea To Monitoring Reprt form to Science Services.

Site	Depth sampled	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	2	horizontal	50	Y	Y	7/3/13
DH2	10	obliq	30	Y	Y	"
DH3	10	obliq	30	Y	Y	"

in 2 bottles –

Step 3: Collect Veliger Tows from 3 sites; the deep hole (DH), outlet site (OS), and or downwind site (DS) in water depth of about 4 meters (if possible). Submit sample and Mussel Veliger Tow Monitoring Report form to Science Service.

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
DH1	10	50	Y	Y	7/3/13
DH2	10	50	Y	Y	"
OS	10	30	Y	Y	"

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, Other_____Madison   10/31/2013

Collected EWM + Curly leaf

Step 5: Were snail voucher specimens submitted (separate into Chinese, banded, all others)? Yes No (circle) If yes, where? (circle) UW La Crosse, or Other_____

Step 6: Data was entered into SWIMS on ____7/25/13____ by ____Joanne Scherer____

Step 7: Data was proofed on _____ by _____

Notes: