

Ewm VOUCHERS NEEDED

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name <i>Long</i>	County <i>Scott/Richland</i>	WBIC <i>1236600</i>	Date(s) <i>7/29/14</i>	AIS sign? <i>(Y) N</i>	Secchi (ft or (m)) <i>1.2</i>	Conductivity (ZM tow if ≥ 99 umhos/cm)
Data collectors <i>Jeanne Scherer & Kat Panzel</i>		Lead Monitor phone and email <i>Jeanne.scherer@wisc.edu</i>	Start time (~ 15 min) <i>10:30</i>	End time (~ 15 min) <i>2:30</i>	Total collector time (hrs x # collectors) <i>8</i>	

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	43.17307 ✓	-90.18784	Y		Ewm 1
TS1	43.17243 ✓	-90.18517	N	low visibility	Ewm 2
TS2	43.17242 ✓	90.18344	N		Ewm 3 (whole lake)
TS2	43.17288	90.17093	N	visibility	Ewm 5 (across lake)
TS3	43.17407	90.16580	N	Turbid	Ewm 5
BL2	43.17301	90.17139	N	Decaying masses	Ewm 1
TS4	43.17374	90.17620	N	" "	Ewm floating yellow iris 1
MS2	43.17361	90.17679			yellow iris 2 w/ swamp milkweed
TS5	43.17313	90.19162	N	clear but too salty	yellow iris 2, Ewm
BL3	43.17331	-90.191589	N		Zebra 2, CLP 1
TS6	43.17276 ✓	90.18919	N	" + logs	Zebra 1-shell, yellow iris 1 - Ewm 1

Cardinal flower
Kunzifer
najas sp
bryophyte
on Ewm stem
mystery egg mass
cladon
widow stem
Sagp
(water lily)
sputter dock
cat bird

mst
canoe launch
Dam location
end of lake
canoe launch 2??

*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 s water and preserve the sample. Submit the sample, this data form and the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services.

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	1	0	0	0	0	8/18/14
DH1	1	0	0	0	0	8/18/14
DH1	1	0	0	0	0	8/18/14

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	1.5	0	0	0	8/18/14
DH1	1.5	0	0	0	8/18/14
DH1	1.5	0	0	0	8/18/14

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 (circle) If yes, where? (circle) UW-La Crosse or other _____

Step 6: Data was entered into SWIMS on August 21, 2014 by [Signature]
 Step 7: Data was proofed on 8/22/14 by [Signature]

Notes: