

Woknowen AIS

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name <b>Lost</b>	County <del>Dodge</del> <b>Columbia Dodge</b>	WBIC <b>837100</b>	Date(s) <b>6/16/14</b>	AIS sign? <input checked="" type="radio"/> Y <input type="radio"/> N	Secchi (ft or m) <b>1m</b>	Conductivity (ZM tow if $\geq 99$ umhos/cm)
Data collectors <b>Jeanne Scherer Katrina Funzel</b>		Lead Monitor phone and email <b>Jeanne.Scherer@wisconsin.gov 608-235-3602</b>	Start time (~ 15 min) <del>11:00</del> <b>11:00</b>	End time (~ 15 min) <b>3:45</b>	Total collector time (hrs x # collectors) <b>9.5</b>	

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.

Cattails look like all around lake

Sago everywhere covered in algae  
→ sago looks mostly dead

Site	Latitude	Longitude	Snorkel (Y or N*)	If N snorkel, indicate why†	Species, density 1-5*
BL1	43.44633	-88.97505	N	B-G/Turbid	
T1	43.44060	88.97648	N	Turbid	
T2	43.44005	88.97681	N	turbid, algae	Yellow Iris / Purple Loosestrife - 4
T3	43.43799	88.97234	N	"	reed (Cane grass) 1
T4	43.44055	88.96794	N	"	
BL2	43.44165	88.96631	N	"	CLP 2
TS	43.44638	88.96209	N	blue-green algae	lots of algae on the surface in the bed sags
MS	43.44661	88.96403	N	algae	CLP - 2 Duck Blind
MS	43.45056	88.96397	N	"	Phragmites - Native
"	43.44905	88.96336	N	"	"

water hollow

all around lake

outlet

outlet

free sags water

- 2/3

Sago between T3 + BL2 still green. T1-T3 look brown dead

\*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
DH	2m	obliq	50	Y	Y	7/11/14
DW	1m	obliq	50	Y	Y	
DV	1m	obliq	50	Y	Y	

2 boats

Step 3: Collect Veiiger 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 Veiiger 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
DH	2m	50	Y	Y	7/11/14
DW	1.5m	50	Y	Y	
DV	1m	50	Y	Y	

1 boat

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, indicate where: Freckmann Herbarium, Wisconsin State Herbarium, Other

T&D

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 7/17/14 by James Steen  
 Step 7: Data was proofed on 8/22/14 by K. Ernest

Notes:

had newt's sign at ~~North~~ <sup>South</sup> side launch