

✓ 10/23/13

Form 3200-xxx (R 6/2013)

AIS Early Detection Monitoring Data Form

Lake Name Birds	County Vilas	WBIC 2311100	AIS sign? (Y) N	Secchi (ft or m) 6.1'	Conductivity (ZM tow if ≥ 99 umhos/cm) N/A
Date(s) 7/9/13	Data collectors Diane + Quita	Start time (nearest 15 min) 12:50p - 4:30p	End time (nearest 15 min)	Total collector time (hrs x # collectors) + Second date x 2 = 12.5	

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	46.21117	-89.836754	Y		
SS1	46.2060	-89.8354	Y		
SS2	46.2120	-89.8328	Y		
SS3	46.2267	-89.8356	Y		Chinese Mystery Snail, 1 *
SS4	46.2243	-89.8456	Y		Chinese Mystery Snail, 1 *
SS5	46.2144	-89.8453	Y		

* Data entered into J. Bates 1/4/16 → SWIMS but not on original data sheets. Data was entered in SWIMS based on samples from lake sent to verifier and were vouchered. Data

Written on spreads this sheet based on SWIMS data entry.

*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

† 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
1	39'	"	50	Y	Y	10/25/13
2	35'	"	"	Y	Y	
3	39'	"	"	Y	Y	

Step 3: Collect Velliger 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 Velliger 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

Step 4: Were plant voucher specimens submitted? Yes No If yes, where? Freckmann Herbarium, Other _____

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

Step 6: Data was entered into SWIMS on 10/3/13 by DKD

Step 7: Data was proofed on 10/23/13 by DKD

Notes:

AIS Early Detection Monitoring Data Form

e=16/3
Form 3200-xxx (R 6/2013)

Lake Name Brick ³	County Vilas + A	WBIC	AIS sign? <input checked="" type="radio"/> Y <input type="radio"/> N	Secchi (ft or m) 6.5 / 6'	Conductivity (ZM tow if ≥ 99 umhos/cm) N/A
Date(s) 7/9/13 / 7/16	Data collectors D + Q	GIS ID 51840	Start time (nearest 15 min) 1250p / 130p	End time (nearest 15 min)	Total collector time (hrs x # collectors)

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.

3: Below

LK3 new

Site	Latitude	Longitude	Snorkel (Y or N*)	If N snorkel, indicate why**	Species (density 1-5)***
BL4	46.31762	-90.85695	Y		
1	Bay by dam		Y	46.3181	-90.8575
2	sandy pt		Y	46.3204	-90.8506
3	E Bay 5-6'		Y	46.3215	-90.8487
4	b/w dappzard + rock		Y	46.3174	-90.8522
birds : ↓		46.3188 / -90.8489		Rocky shore	
BL1	46.21117	-89.836754	Y		
SS1	46.2060	-89.8354			
SS2	46.2120	-89.8328			
SS3	46.2267	-89.8356			
SS4	46.2243	-89.8456			
SS5	46.2144	-89.8453			

2??

***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

****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 Tow Monitoring Report 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
1	50'		30 cm	Y	Y	

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

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

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 _____ by _____

Step 7: Data was proofed on _____ by _____

Notes: