

AIS Early Detection Monitoring Data Form

Form 3200-xxxx (R 6/2013)

Prepared

Lake Name Middle McKenzie	County Burrmett	WBIC	Date(s) July 12, 2013	AIS sign? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Secchi (ft or m) 13 ft	Conductivity (ZM tow if ≥ 99 umhos/cm)
Data collectors Evan, Matt, Mike	Lead Monitor phone and email	Start time (~ 15 min) 10:30	End time (~ 15 min) 2:30	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.

Site	Latitude	Longitude	Snorkel (Y or N*)	If N snorkel, indicate why†	Species, density 1-5‡
BL1	N45° 56.406	W092° 03.089	NO	Swimmers: itch	snails 1
MS1	N45° 56.804	W092° 03.127		"	CIP-2
TS1	N45° 56.401	W092° 03.067	NO	Swimmers: itch	snails 1-CMS
TS2	N45° 56.179	W092° 02.247	NO	"	PIS 1 CIP 2
TS3	N45° 56.508	W092° 01.941	NO	"	snails 1-CMS PIS 1
TS4	N45° 56.960	W092° 01.858	NO	"	CMS-1
TS5	N45° 56.804	W092° 02.597	NO	"	snails 1
MS2	N45° 56.548	W092° 03.040	NO	"	PIS

*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 datasheet to Science Services.

10/8/13

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
DH	34 ft	Obliq	30 cm	Y	Y	
DH	33	Obliq	30 cm	Y	Y	
DH	34	Obliq	30 cm	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.

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Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
DH	34	30	Y	Y	
BL	20	30	Y	Y	
Inlet	20	30	Y	Y	

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 7/26/13 by Mike Wampler

Step 7: Data was proofed on _____ by _____

Notes: