Station # on Swims 10014613

AIS Early Detection Monitoring Data Form

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Form 3200-xxx (R 6/2013)

Lake Name	County	WBIC	AIS sign?	Secchi (ft or m)	Conductivity (ZM tow if ≥99 umhos/cm)
Long LAKE	Columbia	1000700	(Y) N	4ft.	
Date(s)	**Data collectors**	**Start time (nearest 15 min)**		**End time (nearest 15 min)**	**Total collector time (hrs x # collectors)**
7/1/13	Jeanne Scherer Cody Kobaschke	1:45		5:45	8

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	43.51062	89.44106	N	Turbid/Stained. Boat plugs	CLP 1 EWM 2
MS1	43.51150	89.4430			EWM 2 CLP 1
~~TS1~~ MS2	43.51197	89.44706			CLP 1 ~~EWM~~
MS2	43.51286	89.44809			EWM 2
MS3	43.51037	89.44825			CLP 1
MS4	43.51413	89.44938			possible yellow iris - No flower (1)
TS2	43.51556	89.45547			CLP(1), possible iris(1)
TS3	43.50806	89.44376			CLP(1)
TS4	43.50150	89.43587			EWM 1
~~TS5~~	43.49940	89.44022			EWM 1

*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
DH	3	horizontal	50	Y	Y	7/3/13
DH	3/2	oblique	50	Y	Y	7/3/13
OS	3	horizontal	50	Y	Y	7/3/13

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
DH	6 ft.	50	Y	Y	7/3/13
DH	6 ft	50	Y	Y	"
OS	6 ft	50	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 7/17/13 by Jeanne Scherer

Step 7: Data was proofed on _____ by _____

Notes: