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2:50:05
17.3

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

(We several more sites than necessary so we may have missed page 2, but I'm not sure JS 10/18/13)

Lake Name Park	County Columbia Sauk	WBIC 180300	AIS sign? Y N	Secchi (ft or m) 1 ft	Conductivity (ZM tow if ≥ 99 umhos/cm) NA
Date(s) 6/17/13	Data collectors Jeanne Scherer Cody Rebeschke	Start time (nearest 15 min) 10:45	End time (nearest 15 min) 3:30	Total collector time (hrs x # collectors) 17.25	

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	43.54459	89.28368	N-	Turbid	EWM - 1 Floating
MS1	43.54414	89.28326			CLP - 2
MS2	43.54437	89.28296			CLP - 2
TS MS3	43.54476	89.28232			EWM - 1 CLP - 3
MS4	43.54608	89.28151			EWM - 3
MS5	43.54802	89.28049			possible yellow iris - in garden
MS6	43.54847	89.28002			EWM - 2
TS MS7	43.54993	89.27862			EWM - 4 CLP - 4
MS8	43.55071	89.27808			yellow iris - 1
TS1	43.55191	89.28014			yellow iris - 1 EWM - 4 CLP - 3
BL2	43.55166	89.28117			CLP - 2 EWM - 2
MS9	43.55053	89.28298			yellow iris - 1
TS2	43.55117	89.28982			EWM - 2 CLP - 1
TS3	43.54546	89.29530			EWM - 3 CLP - 2

Park Lake

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$$\begin{array}{r} 6 \\ 2.5 \\ 3.5 \\ \hline 11.7 \end{array}$$

$$\begin{array}{r} 38 \\ 2 \\ \hline 27 \end{array}$$

* 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	6 ft	hor	30	Y	Y	7/13/13
DH2	4 ft	hor	30	Y	Y	WINDR SHARD
DH3	3 ft	hor	30	Y	Y	SCIENCE SERVICES (SSS)

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	30 cm	Y	Y	7/13/13 (SSS)
DH2	2.5 ft	30 cm	Y	Y	" "
DH3	3 ft	30 cm	Y	Y	" "

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, Other Madison 10/31/2013
collected CLP - EWM

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 NA

Step 6: Data was entered into SWIMS on 7/25/13 by Cody Rebitchke

Step 7: Data was proofed on _____ by _____

Notes: spoke to resident at ms 7 who saw the iris first time last spring;
 - ~~shoreline~~ shoreline Chandler Park lined w/ yellow tris (closest to entrance) maybe 100 - 150 yds