Amanda S & Volunteers left at 12:45

AIS Early Detection Monitoring Data Form — Form 3200-xxx (R 6/2013)

Lake Name	County	WBIC	AIS sign?	Secchi (ft or m)	Conductivity (ZM tow if ≥ 99 umhos/cm)
Cante Pond	Ocanto	462520	Y N	5	240
Date(s)	**Data collectors**	**Start time (nearest 15 min)**	**End time (nearest 15 min)**	**Total collector time (hrs x # collectors)**	
6/30/14	Ryan, Amanda, Don, Jason, Floyd	9 am	2:45	17.25 paid / 11.5 volunteer = 28.75	

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	45.130399	88.443368	Y		No AIS
MS1	45.12933	88.451666	N	Meander site	AFMW 1
MS2	45.13722	88.45593	N	"	AFMW 1
MS3	45.13687	88.45667	N	"	AFMW 1
TS1	45.13673	88.45714	N	Tannic Water	CMS-1, BMS-1, AFMW-1, CLP-1
TS2	45.13822	88.446161	N	"	CLP-1
MS4	45.13916	88.46288	N	—	CLP-3
BL2	45.14545	88.46743	N	Tannic Water	CMS-1, AFMW-1, CLP-1
TS3	45.13680	88.462382	N	"	CMS-1
TS4	45.12701	88.45317	N	"	BMS-1
BL3	45.12174	88.444445	Y		CMS-1

43 min (very dark)

***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	5m					
1						
1						

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
1	5m	50			
1					
1					

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 9/29/14 by Jason Cotter

Step 7: Data was proofed on 9/29/14 by Ryan Motiff

Notes:

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name	County	WBIC	Date(s)	AIS sign? Y N	Secchi (ft or m)	Conductivity (ZM tow if ≥ 99 umhos/cm)

Data collectors	Lead Monitor phone and email	Start time (~ 15 min)	End time (~ 15 min)	Total collector time (hrs x # collectors)

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.

Site	Latitude	Longitude	Snorkel (Y or N*)	If N snorkel, indicate why†	Species, density 1-5‡
TS5	45.11761	88.43937	N	Tannic water	No AIS
BL4	45.12837	88.43945	Y		AFMW-1, BMS-1, CMS-1