

Lake Name Simms Lake	County Douglas	WBIC 2497100	Date(s) 8-21-14 8-20-14	AIS sign? <input checked="" type="radio"/> Y <input type="radio"/> N	Secchi (ft or m) N/A	Conductivity (ZM tow if ≥ 99 umhos/cm) N/A
Data collectors FMW ADJ		Lead Monitor phone and email 715-394-8334 fwirtz@uwsuper.edu	Start time (~ 15 min) 7:45am # 11:30	End time (~ 15 min) 10:30am # 1:45	Total collector time (hrs x # collectors) 5 hrs x 2 = 10 hrs	

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‡
MS1	N 46° 15.641	W 91° 40.231	N		1 PL
BL1	N 46° 15.731	W 91° 40.679	Y		None
TS1	N 46° 16.043	W 91° 40.809	Y		None
IS2	N 46° 16.072	W 91° 40.665	Y		None
TS3	N 46° 15.929	W 91° 40.180	Y		None
TS4	N 46° 15.791	W 91° 40.134	Y		None
TS5	N 46° 15.559	W 91° 40.457	Y		None

Simms
Lake

* 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	20 ft	vert	250 mm	y	y	
2	35 ft	vert	"	y	y	
3	30 ft	vert	"	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.

13.1

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
1	8 ft	50 cm	y	y	
2	13 ft	"	y	y	
3	13 ft	"	y	y	

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

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

Step 6: Data was entered into SWIMS on 10/15/14 by Farrah Wirtz

Step 7: Data was proofed on _____ by _____

Notes: