CLP turions harvesting South
reed canary grass all along lakeshore

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2012)

Data Collectors KH JW			Date 7/31/12
Lake Name White Ash Lake	County Polk		WBIC 2628600
Start Time 10:00 AM	End Time 3:00PM	Secchi Depth 2.5 ft feet or meters (circle one)	Conductivity 223 uSm

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. List any other AIS found. **If sites not snorkeled, take 50 rake and D-net samples during meander survey. Record how many of the 50 samples have each AIS found in the "Count" spaces below.**

Did you snorkel the search sites? Y/(N) **If not, why? (circle one)** stained water, turbid water, (blue-green bloom), chemical treatment, other harvesting

Rake/D-net counts: Species 1 CMS Count 7/50; Species 2 _____ Count _____; Species 3 _____ Count _____;
Species 4 _____ Count _____; Species 5 _____ Count _____; Species 6 _____ Count _____

STEP 1: Record locations of sites (in decimal degrees) using a GPS unit (datum WGS84). List AIS found at each site or record none. Collect a sample of any suspected AIS found.

Boat Landing#	1	Species	CMS	Latitude	45 26 784	Longitude	92 18 373	Density (1-5)	3
Boat Landing#	2	Species	Purple loosestrife 1 large plant	Latitude	45 26 962	Longitude	92 18 970	Density (1-5)	1
Search Site#	1	Species	CMS	Latitude	45 26 960	Longitude	92 18 614	Density (1-5)	1
Search Site#	2	Species	N/A	Latitude	45 26 514	Longitude	92 18 438	Density (1-5)	
Search Site#	3 inlet	Species	CMS	Latitude	45 27 166	Longitude	92 18 ~~866~~ 866	Density (1-5)	3
Search Site#	4	Species	CMS	Latitude	45 27 119	Longitude	92 18 722	Density (1-5)	3
Search Site#	5 outlet	Species	CMS	Latitude	45 26 929	Longitude	92 18 829	Density (1-5)	1
~~Search Site#~~ Boat landing 3		Species	CMS & narrow leaf cattail	Latitude	45 26 714	Longitude	92 18 757	Density (1-5)	3 & 1
Meander Survey#	1	Species	purple loosestrife 2 small plants	Latitude	45 27 145	Longitude	92 18 975	Density (1-5)	1
Meander Survey#		Species		Latitude		Longitude		Density (1-5)	
Meander Survey#		Species		Latitude		Longitude		Density (1-5)	

Step 2: Label first five specimens collected with species, collector, date, lake name, WBIC and Location # Send your specimens to an expert for verification. Instructions on how to voucher specimens and a list of statewide taxonomy experts can be found at: http://dnr.wi.gov/invasives/aquatic/whattodo/staff/

Step 3: Collect Waterflea Tows from three sites around the lake in water deeper than 15 feet (if possible).

Method used: horizontal tows (near surface) or oblique tows (near bottom to surface if greater than 15 feet)
Diameter of plankton net mouth (circle one) 30cm (50cm) other_____
Depth sampled: Tow 1 3 ft Tow 2 6.5 ft Tow 3 6.5 ft
Has ethanol been added? (Y)/N Have samples been consolidated into one bottle? Y/(N) 2 bottles

Step 4: Collect Veliger Tows from three sites in 5-10 feet of water (within a meter of the bottom).
Guidelines: If Secchi depth is >4m take two 2m deep samples; if Secchi is between 2-4m take one 2m deep sample; if Secchi is <2m take one 1m tow.

Diameter of plankton net mouth (circle one) 30cm (50cm) other_____
Has ethanol been added? (N/A) (Y) Have samples been consolidated into one bottle? Y/N N/A

Step 5: Data was entered into SWIMS on _____ by _____
Date Name

Notes:

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

General guidance on areas to search for the 10 minute quick snorkel search sites:

- Check rocks for zebra/quagga mussels, faucet snails and New Zealand mudsnails.
- Check around small backyard boat launches.
- Check near creek inlets (especially if AIS are found upstream).
- Check the stems of emergent vegetation for climbing faucet snails.
- Check areas downwind of large boat landings.