narrow leaf cattail along shoreline dense on S. side of lake

AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2012)

Data Collectors KH JW			Date 8/10/12
Lake Name Camelia Lake	County Polk		WBIC 2079400
Start Time 9:40am	End Time 12:00	Secchi Depth 4 (feet) or meters (circle one)	Conductivity 43

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.**

tannic, shallow, fine layer of organic matter

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

Rake/D-net counts: Species 1 CMS Count 11/50; 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 20 059	Longitude 92 10 359	Density (1-5) 1
Boat Landing# ____	Species _____	Latitude _____	Longitude _____	Density (1-5) ____
Search Site# 1	Species CMS	Latitude 45 20 139	Longitude 92 10 307	Density (1-5) 1
Search Site# 2	Species CMS	Latitude 45 20 184	Longitude 92 10 332	Density (1-5) 1
Search Site# 3	Species —	Latitude 45 20 123	Longitude 92 10 675	Density (1-5) 1
Search Site# 4	Species CMS	Latitude 45 19 939	Longitude 92 10 779	Density (1-5) 1
Search Site# 5	Species CMS	Latitude 45 20 018	Longitude 92 10 657	Density (1-5) 1
Search Site# ____	Species _____	Latitude _____	Longitude _____	Density (1-5) ____
Meander Survey# ____	Species _____	Latitude _____	Longitude _____	Density (1-5) ____
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: X 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 3 ft Tow 3 3 ft
Has ethanol been added? (N) Y/N Have samples been consolidated into one bottle? (N) Y/N

Step 4: Collect Veliger Tows from three sites in 5-10 feet of water (within a meter of the bottom). not susceptible
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? Y/N Have samples been consolidated into one bottle? Y/N

Step 5: Data was entered into SWIMS on 7/13/12 by KH
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.