

Retrieved 10/15/12

Data Collectors <i>Metz Heger, Jani Strickowski, Michelle Sedewitz</i>		Date <i>7-18-12</i>
Lake Name <i>Lake Thompson</i>	County <i>Okeoka</i>	WBIC <i>1569900</i>
Start Time <i>9:30</i>	End Time	Conductivity <i>80</i>
	Secchi Depth <i>5.5</i>	feet or meters (circle one)

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.**

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# <u>1</u>	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Boat Landing# <u>2</u>	Species <u>NONE</u>	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# <u>6</u>	Species <u>45-38090 RWS</u>	Latitude <u>45.38090</u>	Longitude <u>89.19978</u>	Density (1-5) <u>1</u>
Search Site# <u>1</u>	Species <u>NONE</u>	Latitude <u>45.38291</u>	Longitude <u>89.20296</u>	Density (1-5) <u>1</u>
Search Site# <u>2</u>	Species <u>NONE</u>	Latitude <u>45.37945</u>	Longitude <u>89.21113</u>	Density (1-5) <u>1</u>
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
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) _____

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: Count 1 _____ Species 1 _____; Count 2 _____ Species 2 _____
 Count 3 _____ Species 3 _____; Count 4 _____ Species 4 _____

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 27 ft Tow 2 21 ft Tow 3 20 ft
 Has ethanol been added? Y N Have samples been consolidated into one bottle? Y N

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? Y N Have samples been consolidated into one bottle? Y N

Step 5: Data was entered into SWIMS on 8-17-12 by Matt Ayger Name
 Date

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 downwind of large boat landings.

Data Collectors <i>Angie Henninger, Jennifer Skerzopolski</i>		Date <i>7-18-12</i>
Lake Name <i>Thompson</i>	County <i>Oneida</i>	WBIC <i>1569900</i>
Start Time <i>10:00</i>	End Time <i>3:00</i>	Secchi Depth <i>5</i> (feet or meters (circle one))
		Conductivity <i>80</i>

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.**

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 NONE* *45.63571* *-089.32663* *1*

DNS Boat Landing# *3* Species *none* ~~CMS~~ Latitude *45.632831* Longitude *-089.32319* Density (1-5) *1*

Boat Landing# *2* Species *none* Latitude *45.63283* Longitude *-089.34642* Density (1-5) *1*

^{other snorkel} Search Site# *5* Species *none* Latitude *45.63579* Longitude *089.30921* Density (1-5) *1*

^{DNS} Search Site# *4* Species *none* Latitude *45.62912* Longitude *-089.32813* Density (1-5) *1*

^{DNS} Search Site# *3* Species *none* Latitude *45.63037* Longitude *-089.34288* Density (1-5) *1*

Search Site# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

Search Site# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

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) _____

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

Rake/D-net counts: Count 1 _____ Species 1 _____ ; Count 2 _____ Species 2 _____
 Count 3 _____ Species 3 _____ ; Count 4 _____ Species 4 _____
overcast

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/>