



**\*For lakes/sites not snorkeled, substitute:**

Boat landing site - 15 rake throws and 15 D-net samples

Targeted site - 5 rake throws and 5 D-net samples

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? (circle one) stained water, turbid water, blue-green bloom, chemical treatment, other \_\_\_\_\_.**

**\*\*\* 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).

Site	Depth sampled	Method (horizontal or oblique)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)
DH	60'	oblique	50		

45.82034  
-84.63719

**Step 3:** Collect Veiliger Tows from 3 sites: the deep hole (DH), outlet site (OS), and or downwind site (DS) in water deeper than 4 meters (if possible).

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)
DH	7M	50 cm		

\* Rope length only @ 7.5M

**Step 4:** Were voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, DNR Science Services, UW La Crosse, or Other \_\_\_\_\_

**Step 4:** Data was entered into SWIMS on 9/25/13 by Jennifer Steinhorn

**Step 5:** Data was proofed on 9/25/13 by Ryan White

**Notes:**

Handwritten calculations:  

$$\begin{array}{r} 18 \\ 3.2 \\ \hline 54 \\ 57.6 \end{array}$$

$$\begin{array}{r} 16.5 \\ 3.2 \\ \hline 49.3 \\ 52.8 \end{array}$$

Lake Name <i>Tomahawk</i>	County <i>ONEida</i>	WBIC	Secchi (ft or m)	Conductivity
Date(s) <i>6/11/12</i>	Data collectors <i>Paul Kiehn, Leanne Herman, Christopher</i>	Start time (nearest half hour) <i>2:30pm</i>	End time (nearest half hour) <i>5:00</i>	Total collector time

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, 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. Label first five specimens collected with species, collector, date, lake name, WBIC and sampling site.

Site	Latitude	Longitude	Snorkel (Y or N*, if N, indicate why below)**	Species	Density (1-5)***
<i>BL</i>	<i>45.81686</i>	<i>289.6617</i>	<i>Y</i>	<i>Cl. sp.</i>	<i>2</i>
<i>TS</i>	<i>45.718</i>	<i>289.6617</i>	<i>Y</i>	<i>NONE</i>	

①  
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Site	Depth sampled	Method (horizontal or oblique)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)
DH	17m	oblique	50		

**Step 3:** Collect Veliger Tows from 3 sites: the deep hole (DH), outlet site (OS), and or downwind site (DS) in water deeper than 4 meters (if possible).

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)
OS	15m	50		

**Step 4:** Were voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, DNR Science Services, UW La Crosse, or Other \_\_\_\_\_

**Step 4:** Data was entered into SWIMS on 9/25/13 by Jennifer Stenberg

**Step 5:** Data was proofed on 9/25/13 by Ryan MotiG

**Notes:**