

Data Collectors <i>Jeni Steltenpohl, Matt Hager, Paul Klein</i>			Date <i>6-13-12</i>
Lake Name <i>Franklin</i>	County <i>Forest</i>	WBIC	
Start Time <i>9:45</i>	End Time	Secchi Depth <i>18 (bottom) 30.5 (deep holes)</i>	Conductivity <i>43</i>

water temp 66°F Sunny, cool, clear, breezy
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.

Summer Camp - Boat Landing

Boat Landing# 1 Species BMS Latitude 45.92582 Longitude -088.99861 Density (1-5) 1

Boat Landing# 2 Species CMS Latitude 45.9475 Longitude -88.98893 Density (1-5) 1

Search Site# 1 Species BMS Latitude 45.92610 Longitude -089.00577 Density (1-5) 1

Search Site# 2 Species BMS | CMS | NSTU (small snails with operculum) | small snails with operculum? Latitude 45.93023 Longitude -089.01155 Density (1-5) 1/1/1/1

Search Site# 3 Species CMS Latitude 45.93160 Longitude -089.00351 Density (1-5) 3

Search Site# 4 Species CMS Latitude 45.94882 Longitude -088.99195 Density (1-5) 2

Search Site# 5 Species BMS | CMS Latitude 45.92924 Longitude -088.994057 Density (1-5) 1/1

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

Meander Survey# 1 Species BMS Latitude 45.54396 Longitude -089.27808 Density (1-5) 1

Meander Survey# 2 Species NONE Latitude _____ Longitude _____ Density (1-5) _____

Meander Survey# 3 Species CMS Latitude _____ Longitude _____ Density (1-5) 3

Did you snorkel the search sites? YN If not, why? (circle one) stained water, turbid water, blue-green bloom, chemical treatment, other 1/1

Rake/D-net counts: Count 1 _____; Count 2 _____; Count 3 _____; Count 4 _____
 Species 1 _____; Species 2 _____; Species 3 _____; 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~~ 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 10 ft Tow 2 40 ft Tow 3 40 ft

Has ethanol been added? N Have samples been consolidated into one bottle? N

Step 4: Collect Veiliger 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 Have samples been consolidated into one bottle? N

not suitable - no tows

Step 5: Data was entered into SWIMS on 6-18-12 by Met. Hooper

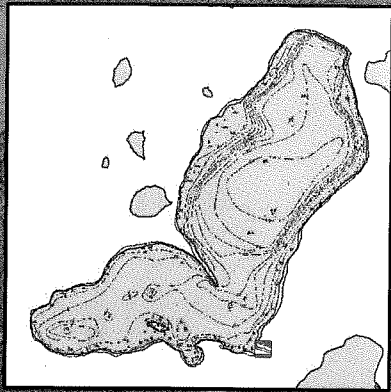
Notes: _____ Date _____ Name _____

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

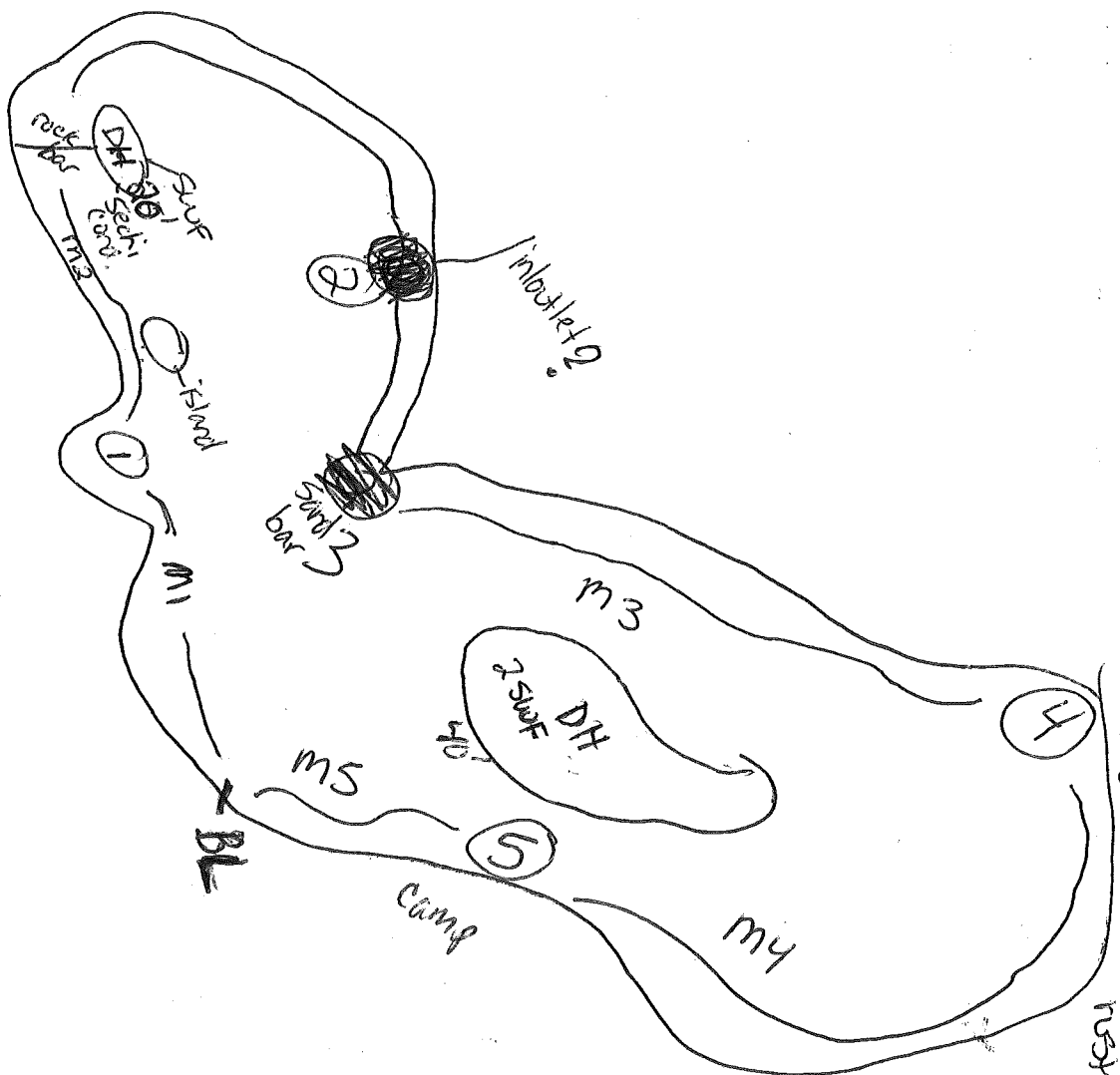
General guidance on areas to search for the 10 minute quick snorkel search sites:

- 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 a downwind of large boat landings.



69290 Franklin Lake

R



Franklin Lake
not suitable for 2m
Barnes's crane m. 5.
rusty crayfish