

Data Collectors <u>KH, JM</u>		Date <u>8/29/11</u>	
Lake Name <u>Black Brook Flowage</u>		County <u>Polk</u>	WBIC <u>2621900</u>
Start Time <u>9:30 AM</u>	End Time <u>1:00 PM</u>	Secchi Depth <u>5.5</u> <small>feet or meters (circle one)</small>	Conductivity <u>218.8</u>

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.

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#	Species <u>³ narrow leaf cattail, ⁽¹⁾ CMS, banded MS shell</u>	Latitude <u>45 15 957</u>	Longitude <u>92 23 281</u>	Density (1-5) _____
Boat Landing#	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Boat Landing#	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site#	<u>4</u> Species <u>Chinese Mystery Snail</u>	Latitude <u>45 16 050</u>	Longitude <u>92 22 849</u>	Density (1-5) <u>1</u>
Search Site#	<u>2</u> Species <u>¹ narrow leaf cattail, ¹ Chinese mystery snail</u>	Latitude <u>45 15 968</u>	Longitude <u>92 23 107</u>	Density (1-5) <u>4</u>
Search Site#	<u>3</u> Species <u>⁽¹⁾ curly leaf, ³ narrow cattail, ⁽¹⁾ Chinese MS, ⁽²⁾ empty shells</u>	Latitude <u>45 15 888</u>	Longitude <u>92 24 205</u>	Density (1-5) _____
Search Site#	<u>4</u> Species <u>⁽¹⁾ narrow leaf cattail, ⁽¹⁾ CMS shell</u>	Latitude <u>45 16 024</u>	Longitude <u>92 23 914</u>	Density (1-5) _____
Search Site#	<u>5</u> Species _____	Latitude <u>45 15 971</u>	Longitude <u>92 23 531</u>	Density (1-5) _____
Search Site#	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Meander Survey#	Species <u>narrow leaf cattail</u> <u>thick stands along flow = SE</u>	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) _____
Meander Survey#	Species _____	Latitude _____	Longitude _____	Density (1-5) _____

Step 2: Label each specimen collected with species, collector, date, lake name, WBIC and Location #

Step 3: 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.