

Data Collectors <u>C. Calizo C. Warden</u>			Date <u>8-23-11</u>		
Lake Name <u>Palmer Lake</u>		County <u>Uilas</u>		WBIC	
Start Time <u>10:00</u>	End Time <u>15:00</u>	Secchi Depth <u>1.1</u>	feet or meters (circle one) <u>meters</u>	Conductivity <u>100</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# <u>1</u>	Species _____	Latitude <u>N46.20372</u>	Longitude <u>W089.48532</u>	Density (1-5) _____
Boat Landing# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Boat Landing# _____	Species _____	Latitude _____	Longitude _____	Density (1-5) _____
Search Site# <u>1</u>	Species _____	Latitude <u>N46.19067</u>	Longitude <u>W089.50164</u>	Density (1-5) _____
Search Site# <u>2</u>	Species _____	Latitude <u>N46.19131</u>	Longitude <u>W089.50551</u>	Density (1-5) _____
Search Site# <u>3</u>	Species _____	Latitude <u>N46.19320</u>	Longitude <u>W089.50620</u>	Density (1-5) _____
Search Site# <u>4</u>	Species _____	Latitude <u>N46.20071</u>	Longitude <u>W.089.50615</u>	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) _____
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
- 2 – One or a few beds
- 3 – Many small beds or scattered plants
- 4 – Dense plant growth in a whole bay or portion of the lake
- 5 – Dense plant 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.