

No Surf tows b/c algae

Data Collectors <u>Tina Wolbers & Don Barrett</u>			Date ^{boat landings} <u>08/25</u> <u>08/29/2011</u>	
Lake Name <u>Yellowstone Lake</u>		County <u>Laffayette</u>		WBIC <u>903700</u>
Start Time <u>10:30 am</u>	End Time	Secchi Depth <u>0.5 m</u>	feet or meters (circle one)	Conductivity

2 hrs on 8/25

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.

near beach	Boat Landing# <u>1</u>	Species <u>PL</u>	Latitude <u>42.76843</u>	Longitude <u>-089.97225</u>	Density (1-5) <u>1</u>
South	Boat Landing# <u>2</u>	Species <u>-</u>	Latitude <u>42.76335</u>	Longitude <u>-089.96725</u>	Density (1-5) <u> </u>
	Boat Landing# <u> </u>	Species <u> </u>	Latitude <u> </u>	Longitude <u> </u>	Density (1-5) <u> </u>
Beach	Search Site# <u>1</u>	Species <u>-</u>	Latitude <u>42.76935</u>	Longitude <u>-089.97346</u>	Density (1-5) <u> </u>
Boat Rental	Search Site# <u>2</u>	Species <u>-</u>	Latitude <u>42.76084</u>	Longitude <u>-089.95988</u>	Density (1-5) <u> </u>
fishing pier	Search Site# <u>3</u>	Species <u>-</u>	Latitude <u>42.76660</u>	Longitude <u>-089.96923</u>	Density (1-5) <u> </u>
	Search Site# <u>4</u>	Species <u>CLP</u>	Latitude <u>42.76632</u>	Longitude <u>-089.98369</u>	Density (1-5) <u>1</u>
canoe launch	Search Site# <u>5</u>	Species <u>PL (north of site)</u>	Latitude <u>42.77132</u>	Longitude <u>-089.98306</u>	Density (1-5) <u>4</u>
	Search Site# <u> </u>	Species <u> </u>	Latitude <u> </u>	Longitude <u> </u>	Density (1-5) <u> </u>
S bay near dam	Meander Survey# <u>1</u>	Species <u>CLP</u>	Latitude <u>42.75565</u>	Longitude <u>-089.96568</u>	Density (1-5) <u>2</u>
	Meander Survey# <u>2</u>	Species <u>CLP, PL</u>	Latitude <u>42.77003</u>	Longitude <u>-089.98456</u>	Density (1-5) <u>1,3</u>
	Meander Survey# <u>3</u>	Species <u>PL</u>	Latitude <u>42.77182</u>	Longitude <u>-089.97820</u>	Density (1-5) <u>5</u>
	Meander Survey# <u> </u>	Species <u> </u>	Latitude <u> </u>	Longitude <u> </u>	Density (1-5) <u> </u>
	Meander Survey# <u> </u>	Species <u> </u>	Latitude <u> </u>	Longitude <u> </u>	Density (1-5) <u> </u>

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

Step 3: Data was entered into SWIMS on 8/30/2011 by Tina WolberJ
Date Name

Notes:

purple loosestrife all along drive from main building to 1st boat launch

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.