AIS Early Detection Monitoring Data Form — Form 3200-xxx (R 6/2012)

Data Collectors			Date
Matt Jacobsen, Sam Betterley			8-8-12
Lake Name	**County**		**WBIC**
Triple Lake West	Chippewa		2044700
Start Time	**End Time**	**Secchi Depth** feet or meters (circle one)	**Conductivity**
12.45	14.20	10.5	0.024

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. Record how many of the 50 samples have each AIS found in the "Count" spaces below.**

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

Rake/D-net counts: Species 1_____ Count _____; Species 2 _____ Count _____; Species 3_____ Count _____;
Species 4 _____ Count _____; Species 5 _____ Count _____; Species 6 _____ Count _____

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# 1	Species None	Latitude	Longitude	Density (1-5) 0
Boat Landing# ~~___~~	Species ~~None~~	Latitude	Longitude	Density (1-5) 0
Search Site# 1	Species None	Latitude 45.24409	Longitude 91.37283	Density (1-5) 0
Search Site# 2	Species None	Latitude 45.24355	Longitude 91.37527	Density (1-5) 0
Search Site# 3	Species None	Latitude 45.24566	Longitude 91.37621	Density (1-5) 0
Search Site# 4	Species None	Latitude 45.24452	Longitude 91.37399	Density (1-5) 0
Search Site# 5	Species None	Latitude 45.24614	Longitude 91.37351	Density (1-5) 0
Search Site# ___	Species	Latitude	Longitude	Density (1-5) ___
Meander Survey# 1	Species None	Latitude NA	Longitude	Density (1-5) ___
Meander Survey# 2	Species None	Latitude	Longitude	Density (1-5) ___
Meander Survey# 3	Species None	Latitude	Longitude	Density (1-5) ___

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 (near surface) 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 17 ft Tow 2 18 ft Tow 3 13 ft
Has ethanol been added? (Y)/N Have samples been consolidated into one bottle? (Y)/N

Step 4: Collect Veliger Tows from three sites in 5-10 feet of water (within a meter of the bottom). NA
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? Y/N Have samples been consolidated into one bottle? Y/N

Step 5: Data was entered into SWIMS on 10-16-2012 by Dan Betterley
Date Name

Notes:

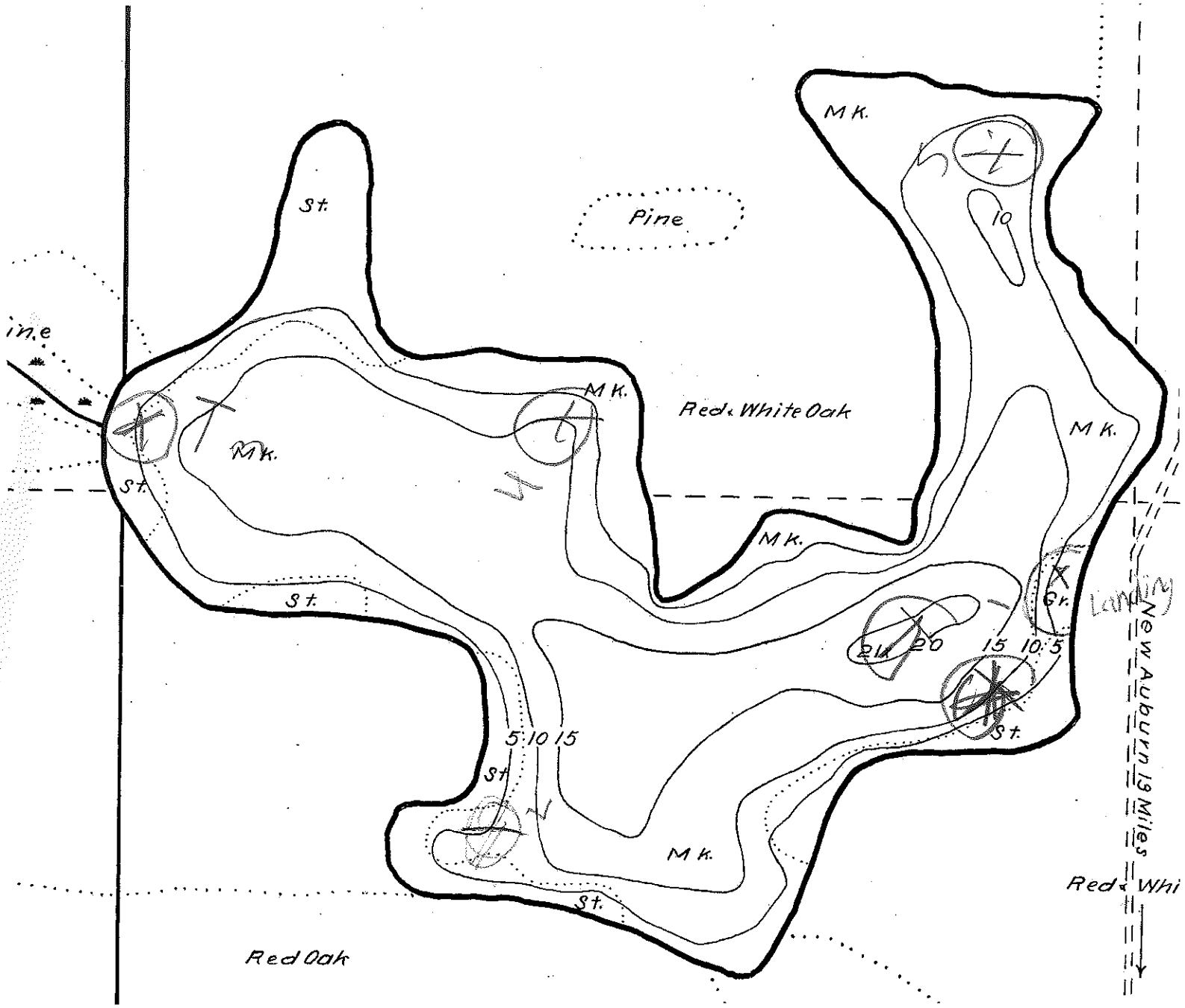
Density Ratings

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.

Triple west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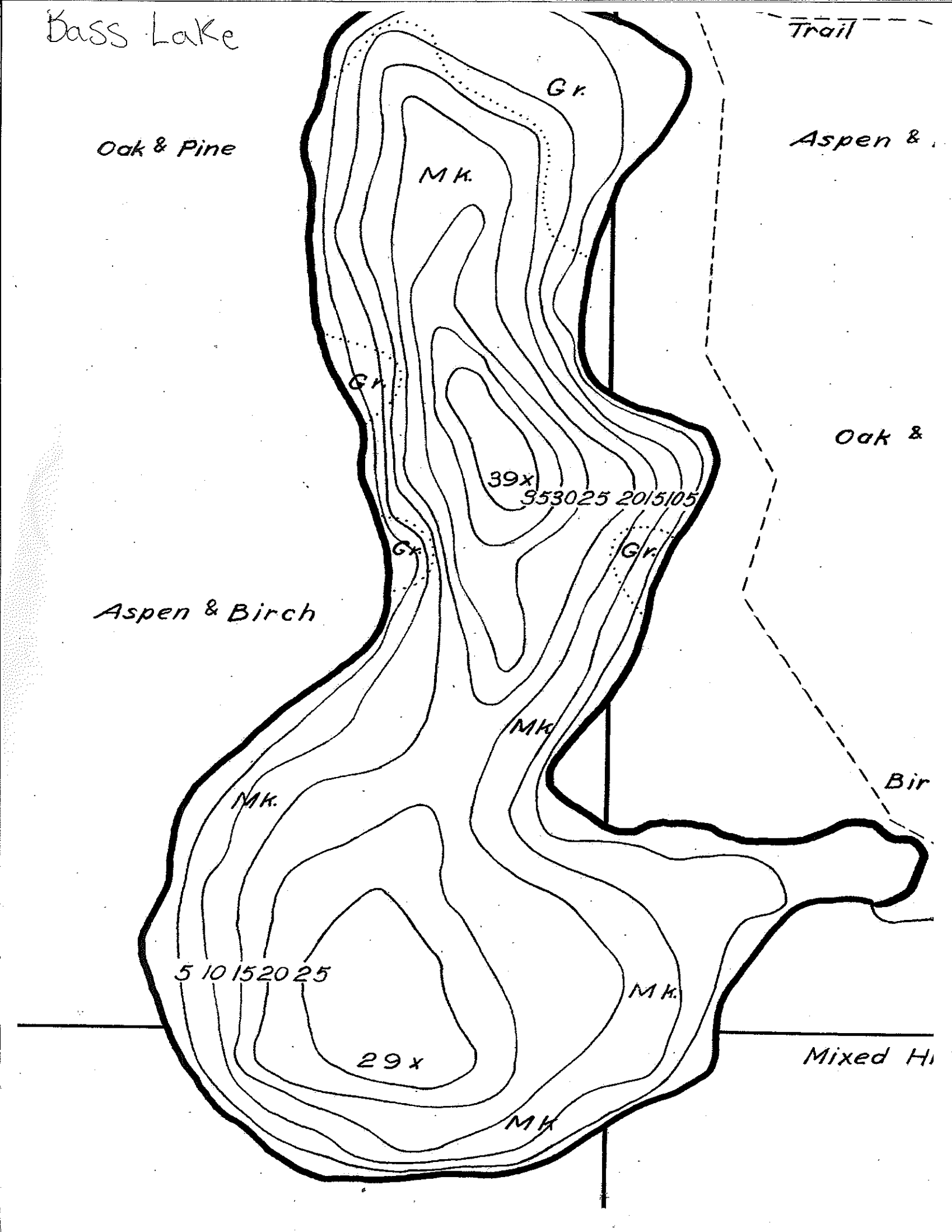
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