AIS E[arly] Detection Monitoring Data Form

Form 3200-xxx (R 6/2012)

Data Collectors			Date
Matt Hoger, Jeni Stettenpohl, Bill Tuck, Dave Ferris			7-19-12
Lake Name	County		WBIC
Bush Lake	Florence		1650000
Start Time	End Time	Secchi Depth (feet or meters (circle one))	Conductivity
11:30	1:10	10	200

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. Did Not Snorkel Boat landing and site 5 due to shallow water (6 inches) & soft bottom

DNS Boat Landing# 1 Species none Latitude 45.46031 Longitude -088.18457 Density (1-5) ___

Boat Landing# ___ Species ___ Latitude ___ Longitude ___ Density (1-5) ___

Search Site# 1 Species none Latitude 45.45950 Longitude -088.18354 Density (1-5) ___

Search Site# 2 Species none Latitude 45.45807 Longitude -088.18226 Density (1-5) ___

Search Site# 3 Species none Latitude 45.45784 Longitude -088.18395 Density (1-5) ___

Search Site# 4 Species none Latitude 45.45828 Longitude -088.18448 Density (1-5) ___

DNS Search Site# 5 Species none Latitude 45.46121 Longitude -088.1887 Density (1-5) ___

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

Meander Survey# 1 Species none Latitude ___ Longitude ___ Density (1-5) ___

Meander Survey# ___ Species ___ Latitude ___ Longitude ___ Density (1-5) ___

Meander Survey# ___ Species ___ Latitude ___ Longitude ___ Density (1-5) ___

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: Count 1 ___ Species 1 ___ ; Count 2 ___ Species 2 ___
Count 3 ___ Species 3 ___ ; Count 4 ___ Species 4 ___

Shallow water & soft bottom

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 X 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 18 ft Tow 2 20 ft Tow 3 17 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).
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 8-17-12 (Date) by Matt Heger (Name)

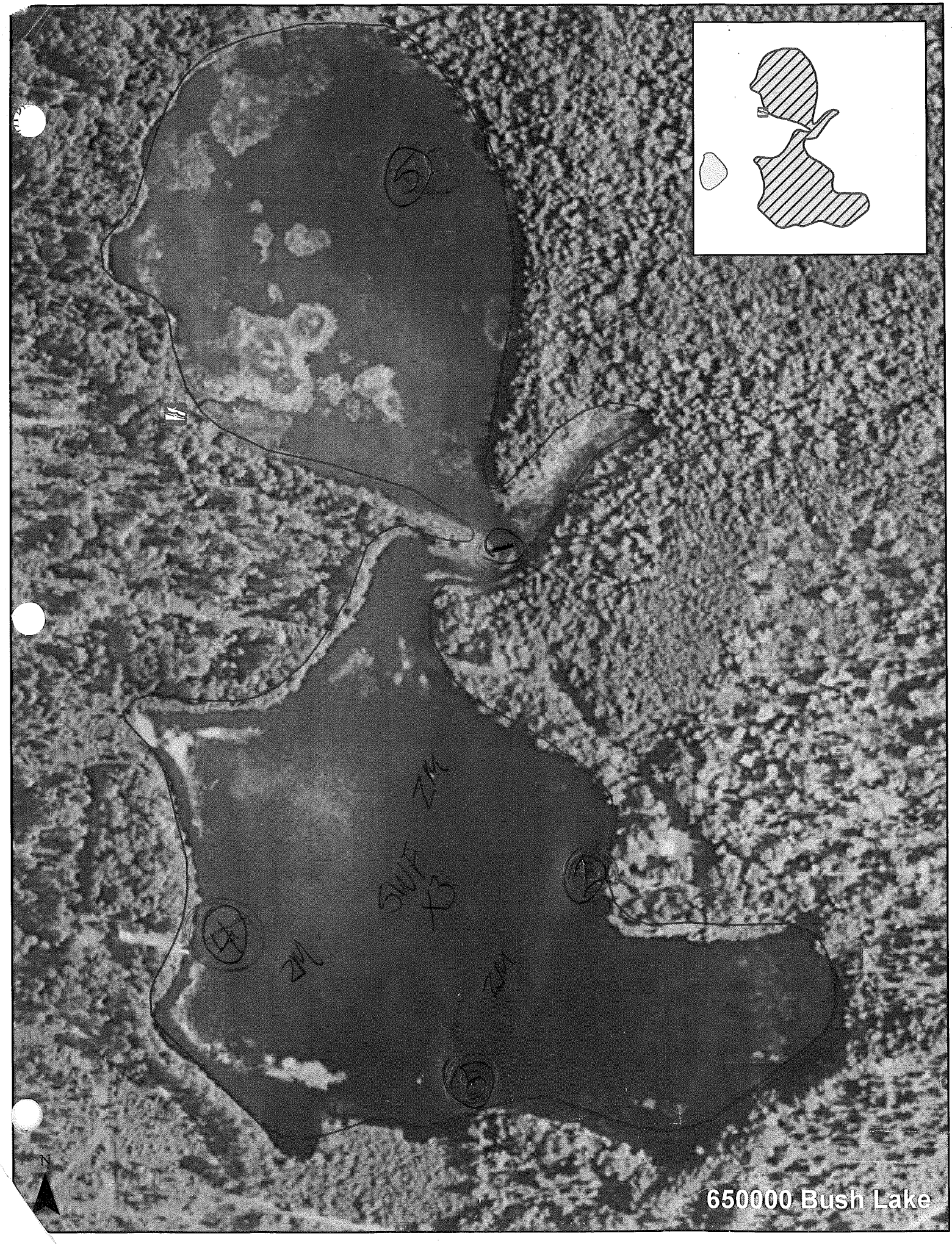
Notes:

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 ar[illegible] downwind of large boat landings.


650000 Bush Lake
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