AIS Early Detection Monitoring Data Form

Form 3200-xxx (R 6/2013)

Lake Name	County	WBIC	Date(s)	AIS sign? Y N	Secchi (ft or m)	Conductivity (ZM tow if ≥ 99 umhos/cm)
Miller Lake	Washburn	2482400	7/12/13		7 ft	Not Collected

Data collectors	Lead Monitor phone and email	Start time (~ 15 min)	End time (~ 15 min)	Total collector time (hrs x # collectors)
Maureen Ferry + Erin Vennie-Vollrath	Erin: 608-266-9252 erin.vennievollrath@wisconsin.gov	12 pm	2:30 pm	5 hrs

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, didymo, water flea, and any other AIS found.

STEP 1: Record locations of sampling sites (in decimal degrees). Sampling sites include all public boat landings (BL), 5 targeted sites (TS) and the meander survey sites (MS). List AIS found at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and 30 of each snail species and label with species, collector, date, lake name, WBIC and sampling site.

Site	Latitude	Longitude	Snorkel (Y or N*)	If N snorkel, indicate why†	Species, density 1-5‡
TS1	45.72182	91.78866	Y		No AIS
TS2	45.72260	-91.79093	Y		No AIS
TS3	45.72213	-91.79191	Y		No AIS
TS4	45.720[illegible]	91.79663	Y		No AIS
TS5	45.71[illegible]	-91.78909	Y		No AIS
S1	45.71[illegible]	-91.78823	Y		No AIS

***For lakes/sites not snorkeled, substitute:**

Boat landing site - 15 rake throws and 15 D-net samples OR 30 minutes, whichever comes first
Targeted site - 5 rake throws and 5 D-net samples OR 10 minutes, whichever comes first
50 meander sites - 10 rake throws and 10 D-net samples during meander survey between sampling sites for a total of 50 meander survey sites

†If lake/site was not snorkeled, indicate why: stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

‡ 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

Step 2: Collect Waterflea Tows from 3 sites: the deep hole (DH) and 2 other sites in water deeper than 15 feet (if possible). Submit sample and datasheet to Science Services.

Site	Depth sampled	Method (hor, obliq, vert)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
1	20 ft	oblq	50	Y	Y	Gina L. on 8/2/13
2	20 ↓	oblq	↓	↓	↓	↓
3	20 ↓	oblq	↓	↓	↓	↓

Step 3: Collect Veliger Tows from 3 sites; the deep hole (DH), outlet site (OS), and or downwind site (DS) in water depth of about 4 meters (if possible). Submit sample and Mussel Veliger Tow Monitoring Report form to Science Service.

Not Suitable

Site	Depth sampled	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date

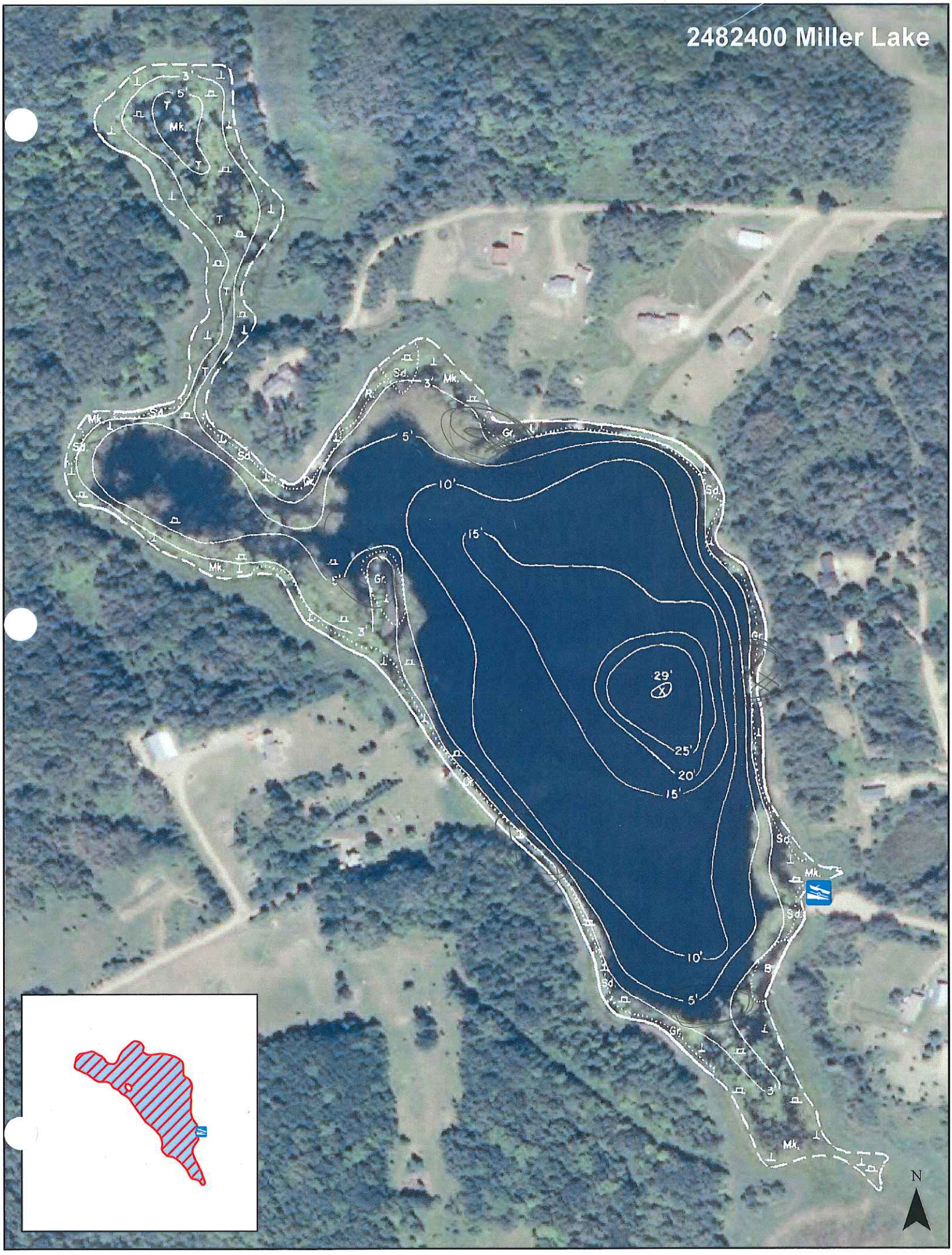
Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, where? (circle) Freckmann Herbarium, Other_____

Step 5: Were snail voucher specimens submitted (separate into Chinese, banded, all others)? Yes No (circle) If yes, where? (circle) UW La Crosse, or Other_____

Step 6: Data was entered into SWIMS on 7/16/13 by Erin Vennie-Vollrath

Step 7: Data was proofed on 9/23/13 by Erin Vennie-Vollrath

Notes: many brown mystery snails found


2482400 Miller Lake
3'
5'
Mk.
Sd.
Gr.
10'
15'
29'
25'
20'
N