Aquatic Invasive Species (AIS) Early Detection Monitoring Lake Data Form — Form 3200.1-xxx (R 5/2016)

Instructions: Bold fields must be completed.

Location Name	WBIC	County	Date(s)	AIS sign?	Secchi (ft or in)	Conductivity (ZM ≥ 99 umhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs x # ppl)
Mathews L.K.	2710800	Washburn	7/31/20	Y	6.2m		Lisa Burns Hunter Davison Eric Cinelberg	10:00AM	11:00AM	

STEP 1: Circle species that you looked for and review the Identification Handout.

AQUATIC PLANTS/ALGAE	European frogbit	Parrot feather	Water chestnut	Phragmites	Japanese hop	New Zealand mudsnails	Faucet snails
Starry stonewort	Hydrilla	Water hyacinth	Didymo	Purple loosestrife	INVERTEBRATES	Chinese/Banded mystery snails	Other _____
Yellow floating heart	Curlyleaf pondweed	Water lettuce	RIPARIAN PLANTS	Yellow flag iris	Zebra/quagga mussels	Rusty/red swamp crayfish	
Brazilian waterweed	Fanwort	Eurasian water milfoil	Flowering rush	Japanese knotweed	Asian clam	Spiny/fishhook waterflea	

STEP 2: Record locations of sampling sites (in decimal degrees). While snorkeling is optional, please indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect photographs and samples of any new AIS found. Include internal and external labels with WBIC, name of lake, county, sample date, and collector. Legibility is appreciated. If needed, preserve with adequate ethanol.

Site*	Latitude	Longitude	Snorkel (Y/N)	If no, indicate why†	Species name, density (1-5)‡, and live (L) or dead (D)§	Sample (Y/N)	Photo (Y/N)	No AIS	Comments
BL	46.02729N	-91.96581W			CMS, 4 L	N	N		
TS1	46.02795N	-91.96273W	N	Clear				X	
TS2	46.02856	-91.95671						X	
TS3	46.02259	-91.95266						X	
TS4	46.01784	-91.95974	Y		CMS, 4 L			X	
TS5	46.02502	-91.96388	Y		CMS, 3 L				

*boat landing (BL), target site (TS), meander survey (MS).

†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 while bay or portion of the lake, or 5-dense plant, snail or mussel growth covering most shallow areas.

§Live (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments.

State of Wisconsin
Department of Natural Resources
Wisconsin Lakes Partnership

Mussel Veliger Tow Monitoring Report

Form 3200-135 (R 02/10)

The purpose of this form is to track the presence/absence of zebra or quagga mussel larvae (veligers) collected using a plankton net during AIS surveillance monitoring.

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form will be incorporated into the DNR Surface Water Integrated Monitoring System (SWIMS) Database. Personally identifiable information collected on this form will be incorporated into the DNR aquatic invasive species database. It is not intended to be used for any other purposes, but may be made available to requesters under Wisconsin's Open Records laws, ss. 19.32 - 19.39, Wis. Stats.

Primary Data Collector

Name	Phone Number	Email
Lisa Burns	715-468-4654	lburns@co.washburn.wi.us

Monitoring Location

Waterbody Name	WBIC	County	Township Name
Mathews Lake	2710800	Washburn	Chicog

Date and Time of Monitoring

Start Date	Start Time	End Date (= Start Date)	End Time
7/31/2020	10:15AM	11:15 AM	11:30 AM

Monitoring Results

Guidelines for how many tows to collect: If Secchi depth is ≥4 m (13 feet) take two 2m deep tows; if Secchi depth is between 2-4 m (6.5-13 feet) take one 2m deep tow; if Secchi depth is <2 m (<6.5 feet) take one 1m tow.

Diameter of zooplankton net opening (30cm) 50cm other_____ (circle one)

1m = 3.28

15.5

Site 1: Latitude (optional): 46° 02'42' 14' Longitude (optional): -91°95'44'83' ☐ Preservative Added
Secchi depth (m) 4.8 Number of net tows 2 Depth of tows (m) 1 ~~2~~ 2

#17

Site 2: Latitude (optional): 46°02'41'13' Longitude (optional): -91°91'16'24' ☐ Preservative Added
Secchi depth (m) 5.2 Number of net tows 2 Depth of tows (m) 2

20.5

Site 3: Latitude (optional): 46° 02'49'47' Longitude (optional): -91°96'29'24' ☐ Preservative Added
Secchi depth (m) 6.4 Number of net tows 2 Depth of tows (m) 2

☑ Have you consolidated all of your samples into one composite bottle?

☐ Have you sent your samples to the DNR Plymouth Service Center?

COMMENTS/OBSERVATIONS:

~~Erica Lindberg~~ helped. Eric S-pontoon
Melissa Kraja K Melissa - Kayak

For DNR staff to fill out

Volume of sample that was analyzed (ml)	Date analyzed
Name of plankton sample analyst	
Name of person or museum who identified the voucher specimen	
Did the samples contain zebra mussel veligers? ☐ Yes ☐ No	
Have you entered the results of the samples in SWIMS? ☐ Yes ☐ No	

DNR staff: Please enter voucher information for new AIS findings into SWIMS under the Incident Report Project for your county (Choose Incident Report Form in SWIMS). Enter date of sampling for "Start Date", Person who identified specimen as "Data Collector", and Monitoring location as "Station"

1. 46.02290N -91.95907W

2. 46.02439N -91.96113W

3. 46.02512N -91.96329W