Known CLP, EWM, Spiny WF

1 of 1 Monona

Aquatic Invasive Species (AIS) Early Detection Monitoring Data Form

Form 3200-xxx (R 5/2015)

Instructions: Bold fields must be completed.

Location Name	WBIC	County	Date(s)	AIS sign?	Secchi (ft or m)	Conductivity (ZM ≥ 99 umhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs x # ppl)
Monona	804600	Dane	6/18/15	Y	1.7		Katrina Runzel, Emily McFarlane (Volunteer)	9:05	1:05	8 (4 paid, 4 vol)

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

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

STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate ethanol. start point: N 43.087870° W 89.53186°

start - of Snails Lunch

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
TS1	43.08997	-89.33447	N	Algae	EWM (2D)	N	N		
MS1	43.08995	-89.33552	N	Algae	EWM (4L)	N	N		
BL1	43.09035	-89.33737	N	Algae	EWM (2L 3D)	N	N		2 Dead Carp/Too much algae
TS2	43.08950	-89.34298	N	Algae	EWM (2L 1D)	N	N		
TS3	43.08968	-89.34995	~~N~~ Y	~~Algae~~	EWM (1D)	N	N		
MS2	43.08853	-89.35556	N	Algae	EWM (2L)	N	N		
MS3	43.08813	-89.36080	N	~~Nothing~~ Algae	EWM (4L)	N	N		
BL2	43.07458	-89.37627	N	Too many fishermen	CLP (1D) EWM (2D 2L)	N	N		
BL3	43.07331	-89.37799	N	Algae	EWM (2D) CLP (2D)	N	N		

*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.

Known CLP, EWM, SPINY WF   * ROCK @ ≈ 43.06550 BY HSE W/ BUCKY SIGN TUDOR HOUSE TAN BOAT HSE − 89.34884 2 TAUPE DOORS WHITE BENCH

Aquatic Invasive Species (AIS) Early Detection Monitoring Data Form   Form 3200-xxx (R 5/2015)   2063

Instructions: **Bold** fields must be completed.

Location Name	**WBIC**	**County**	**Date(s)**	**AIS sign?**	**Secchi** (ft or m)	Conductivity (ZM ≥ 99 umhos/cm)	**Collector(s)**	**Start Time**	**End Time**	**Total Hours** (hrs x # ppl)
Monona	804600	DANE	6/18/15	/	1.7m		Jeanne Scherer, Bob Shannon (volunteer) w/2 people	10 - 9:05 (9:15 w 4 people)	1:05	8

Monona 4 w/ 4 ppl

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

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

STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) 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**
BL4 (Olin)	43.0555479	-89.3773942	N	trash turbid	EWM 2 (D)	N	N		
TS4	43.07253	89.33383	N	algae turbid	EWM 4D, 2L CLP 1D	N	N		Lots floating duckweed
MS1 (Tonyawatha)	43.07270	-89.33513	N	Algae Turbid	EWM 4L	N	N		
BL5	43.07198	-89.33774	N	"	EWM 3L, 4D	N	N		
BL6 (Winnequah Trail)	4305627	89.34968	N	"	EWM 2L, 2D	N	N		
BL5	43.05581	89.33817	N	algae	EM 2L, CLP 2L	N	N		

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

†Stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).   Sprayed Shoreline 43.05651 − 89.39918

‡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.

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Monona Cont.
2015

Aquatic Invasive Species (AIS) Early Detection Monitoring Data Form

Form 3200-xxx (R 5/2015)

STEP 3: Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services. Legibility is appreciated.

Latitude	Longitude	Method*	Net ring depth (m)	Net diameter†	Ethanol‡	Samples combined (Y or N)	Date sent

10:00am

STEP 4: Collect vertical Veliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veliger Tow Monitoring Report (3200-135) to DNR Science Service. Legibility is appreciated.

Latitude	Longitude	Net ring depth (m)	Net diameter†	Ethanol‡	Samples combined (Y or N)	Date sent
43.06467	-89.35910	3m	50cm	y	y	7/6/15
43.07065	-89.34772	4m	50cm	y	y	"
43.07371	-89.[illegible]3370	4	50	y	y	"

*Horizontal, oblique, or vertical.

†30 or 50 cm.

‡Non-denatured or denatured ethanol.

STEP 5: Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

- Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-person appointment. Please indicate which herbarium: Freckmann Herbarium, Wisconsin State Herbarium, Other _____. Date of herbarium meeting _____.
- Snails will be compiled with other regional snail specimens and sent to UW La Crosse. Date sent _____.
- Dreissenids will be sent to Science Services. Date sent _____.
- Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date _____.

STEP 6: Data was entered into SWIMS on _____ by _____

Once data is entered, send scans of data sheets to central office (Maureen.Ferry@Wisconsin.gov and Amanda.Perdzock@Wisconsin.gov).

STEP 7: Data was proofed on _____ by _____

Notes:

Aquatic Invasive Species (AIS) Early Detection Monitoring Data Form

3 of 3 Monona

Form 3200-xxx (R 5/2015)

Terry Monona Bay can be found - algae & plants 4.5 pd 2.25 vol

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Location Name	**WBIC**	**County**	**Date(s)**	**AIS sign?**	Secchi (ft or m)	Conductivity (ZM ≥ 99 umhos/cm)	**Collector(s)**	**Start Time**	**End Time**	**Total Hours** (hrs x # ppl)
Monona	804600	Dane	6/29 2015	✓			Scherer, Punzel, Emily M	9:30	11.45	6.75

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

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

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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**
BL7	43.06528	-89.3886	N	Depth, Algae	EWM 3L (x1000) CLP 1L	N	N		EW algae
~~TS6~~ TS6	43.05943	-89.39928	N	Algae	EWM (5L) CLP (2L)	N	N		

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

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