

Water Action Volunteers Stream Monitoring Program

AQUATIC INVASIVE SPECIES MONITORING DATA FORM

*Bold fields must be completed.

Location Name DOWNSSTREAM - SITE 1	Station ID 10050768	WBIC 886600	GPS Coordinates Lat: 42.941859 Long: -89.64828	County Dane	Date 4/20/18	Collector(s) Amanda Smith Matt Demca Diana	Collector Contact Information Email: Amanda.Smith@wisconsin.gov Phone: 608-275-3283
--	-------------------------------	-----------------------	--	-----------------------	------------------------	--	---

Step 1: Become familiar with the following aquatic invasive species (AIS).

Aquatic Plants/Algae	Hydrilla*	Water hyacinth*	Riparian Plants	Yellow flag iris	Invertebrates	Faucet snails*
European frogbit*	Curly leaf pondweed	Water lettuce*	Flowering rush	Japanese knotweed	Zebra/quagga mussels*	Chinese mystery snails
Yellow floating heart*	Fanwort*	Eurasian water milfoil	Phragmites	Japanese hop*	Asian clam*	Banded mystery snails
Brazilian waterweed*	Parrot feather*	Didymo*	Purple loosestrife	Lesser celandine	New Zealand mudsnails*	Rusty/red swamp crayfish*

Step 2: At each transect, list AIS observed. Estimate the area and density of the population or if no AIS observed.

Step 3: Observe and record details about the habitat at the monitoring location. If instructed to do so in the Species-Specific Addenda, complete the substrate composition table on the reverse of this data form.

Transect	Species 1		Species 2		Species 3		Sample Collected?		Picture Taken?		Habitat Type*	Land Use*	No target AIS observed
	Name, Density*		Name, Density*		Name, Density*		Y/N	Species	Y/N	Species			
1							Y	N	Y	N		A	✓
2							Y	N	Y	N		A	✓
3	NZMS, 1						Y	N	Y	N	NZM Run	A	✓
4							Y	N	Y	N		A	✓
5							Y	N	Y	N	Riffle	A	✓
6							Y	N	Y	N	Riffle	A	✓
7							Y	N	Y	N			
8							Y	N	Y	N			

*Density Ratings:
1: 0-25% coverage by target species
2: 25-75% coverage by target species
3: 75-100% coverage by target species

*Habitat Types:
Riffle
Run
Pool

*Land Use:
Urban
Agriculture
Natural

Comments:

Substrate Composition (for select species only)									
	% bedrock	% boulder	% rubble	% gravel	% sand	% clay	% silt/muck	% woody debris	% aquatic macrophytes
1				95			40	10	95
2			10				60	5	95
3			5				65		30
4			5				65		30
5				50			30		20
6				70			10	10	10
7									
8									

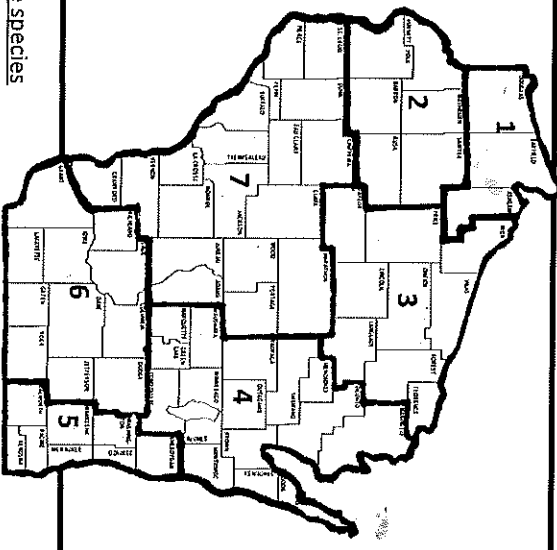
Step 4: Notify the appropriate AIS Specialist and deliver specimens, report, and digital photo.

Map	Contact	Phone	Email
1	Jeremy Bates	715-392-0807	Jeremy.Bates@wisconsin.gov
2	Kris Larsen	715-635-4072	Kris.Larsen@wisconsin.gov
3	Joseph Cunningham	715-637-6860	Joseph.Cunningham@wisconsin.gov
4	Chris Kolasinski	920-252-5053	Christopher.Kolasinski@wisconsin.gov
5	Amy Kretlow	920-893-8552	Amy.Kretlow@wisconsin.gov
6	Amanda Smith	608-275-3283	Amanda.Smith@wisconsin.gov
7	Jodi Lepsch	715-838-8385	Jodi.Lepsch@wisconsin.gov

Photographing aquatic invasive species

All new AIS detections must be verified by the Department of Natural Resources. To avoid trespassing, or when conditions are unsafe for collecting a specimen, a photograph and location sent to DNRIInvasivePhotos@wisconsin.gov will suffice.

See Section VIII: Reporting, Preserving, and Photographing Specimens of the Aquatic Invasive Species Monitoring Methods for information on photographing specimens.



Preserving aquatic invasive species

When sorting a sample streamside, keep a careful watch for small AIS, such as the New Zealand mudsnail. If you find any species matching the description of what is being looked for, collect several for preservation.

See Section VIII: Reporting, Preserving, and Photographing Specimens of the Aquatic Invasive Species Monitoring Methods for information on how to preserve specimens.

Photos of landscape

Photos of specimen and datasheet

Specimen in vessel

Label complete

Please return completed forms to your local coordinator for upload to the SWIMS database.

Water Action Volunteers Stream Monitoring Program

AQUATIC INVASIVE SPECIES MONITORING DATA FORM

*Bold fields must be completed.

Location Name UPSTREAM - SITE 2	Station ID 10050767	WBIC 886600	GPS Coordinates Lat: 42.947892 Long: -89.659102	County Dane	Date 4/22/13	Collector(s) Amanda Smith MATT DENVER DAN	Collector Contact Information Email: Amanda.Smith@wisc.edu Phone: 608-375-3283
---	-------------------------------	-----------------------	---	-----------------------	------------------------	---	--

Step 1: Become familiar with the following aquatic invasive species (AIS).

Aquatic Plants/Algae	Hydrilla°	Water hyacinth°	Riparian Plants	Yellow flag iris	Invertebrates	Faucet snails°
European frogbit°	Curly leaf pondweed	Water lettuce°	Flowering rush	Japanese knotweed	Zebra/quagga mussels°	Chinese mystery snails
Yellow floating heart°	Fanwort°	Eurasian water milfoil	Phragmites	Japanese hop°	Asian clam°	Banded mystery snails
Brazilian waterweed°	Parrot feather°	Didymo°	Purple loosestrife	Lesser celandine	New Zealand mudsnails°	Rusty/red swamp crayfish°

Step 2: At each transect, list AIS observed. Estimate the area and density of the population or if no AIS observed.

°Prohibited Species

Step 3: Observe and record details about the habitat at the monitoring location. If instructed to do so in the Species-Specific Addenda, complete the substrate composition table on the reverse of this data form.

Transect	Species 1	Species 2	Species 3	Sample Collected?		Picture Taken?		Habitat Type [†]	Land Use [‡]	No target AIS observed
	Name, Density*	Name, Density*	Name, Density*	Y/N	Species	Y/N	Species			
1				Y	N	Y	N	Run	A	✓
2				Y	N	Y	N	Run	A	✓
3				Y	N	Y	N	Run	A	✓
4				Y	N	Y	N	Run	A	✓
5				Y	N	Y	N	Run	A	✓
6				Y	N	Y	N	Run	A	✓
7				Y	N	Y	N			
8				Y	N	Y	N			

*Density Ratings:
1: 0-25% coverage by target species
2: 25-75% coverage by target species
3: 75-100% coverage by target species

[†]Habitat Types:
Riffle
Run
Pool

[‡]Land Use:
Urban
Agriculture
Natural

Comments:

Substrate Composition (for select species only)									
	% bedrock	% boulder	% rubble	% gravel	% sand	% clay	% silt/muck	% woody debris	% aquatic macrophytes
1							99		1
2				5			95		
3				55			95		
4				10			90		
5							90		
6			40				60		
7									
8									

Step 4: Notify the appropriate AIS Specialist and deliver specimens, report, and digital photo.

Map	Contact	Phone	Email
1	Jeremy Bates	715-392-0807	Jeremy.Bates@wisconsin.gov
2	Kris Larsen	715-635-4072	Kris.larsen@wisconsin.gov
3	Joseph Cunningham	715-637-6860	Joseph.Cunningham@wisconsin.gov
4	Chris Kolasinski	920-252-5053	Christopher.Kolasinski@wisconsin.gov
5	Amy Kretlow	920-893-8552	Amy.Kretlow@wisconsin.gov
6	Amanda Smith	608-275-3283	Amanda.Smith@wisconsin.gov
7	Jodi Lepsch	715-838-8385	Jodi.Lepsch@wisconsin.gov

Photographing aquatic invasive species

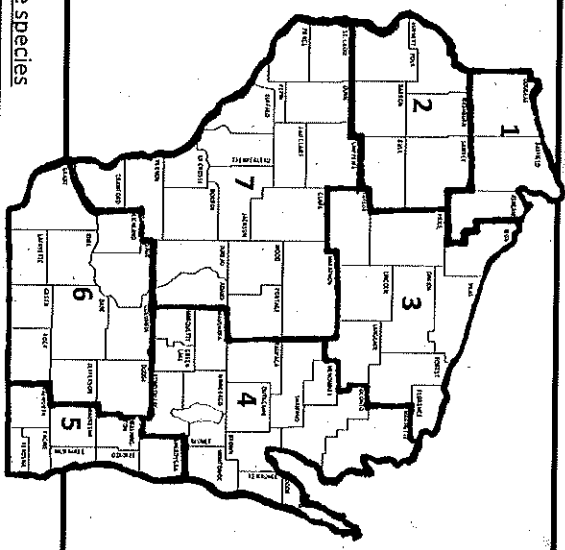
All new AIS detections must be verified by the Department of Natural Resources. To avoid trespassing, or when conditions are unsafe for collecting a specimen, a photograph and location sent to DNRIInvasivePhotos@wisconsin.gov will suffice.

See Section VIII: Reporting, Preserving, and Photographing Specimens of the Aquatic Invasive Species Monitoring Methods for information on photographing specimens.

Preserving aquatic invasive species

When sorting a sample streamside, keep a careful watch for small AIS, such as the New Zealand mudsnail. If you find any species matching the description of what is being looked for, collect several for preservation.

See Section VIII: Reporting, Preserving, and Photographing Specimens of the Aquatic Invasive Species Monitoring Methods for information on how to preserve specimens.



Photos of landscape

Photos of specimen and datasheet

Specimen in vessel

Label complete

Please return completed forms to your local coordinator for upload to the SWIMS database.