Aquatic Invasive Species Monitoring Data

The purpose of this form is to notify DNR of aquatic invasive species (AIS) surveillance results.

To find where aquatic invasives have already been found, visit: http://dnr.wi.gov/topic/Invasives/report.html

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. It is not intended to be used for any other purposes but may be made available to requesters under Wisconsin's Public Records laws, ss. 19.32 - 19.39, Wis. Stats.

If the plant or animal cannot be collected due to safety concerns or it is located on private property, please take a photo (see Sample section below). DNR staff will then follow-up if further monitoring is needed for identification

Instructions: Bold fields must be completed.

Location Name	**SWIMS Station ID**	**County**	**Collector(s)**	**Date**	**Start Time**	**End Time**
Stormy Lake	1020300	Vilas	Cathy Higley & Carolyn Schaars	08/21/2023	12:50 pm	

Protocol	Wetland ○ Lake ◉ Stream ○ Roadside ○ OIT ○	**AIS Sign Present**	**Paid Hours (Hrs x PPL)**	**Vol. Hours (Hrs x PPL)**
Pathway	Maritime ☐ State & Fed ☐ Road & Trans ☐ Canal, Dam, Div ☐ Rec ☒ OIT ☐ Natural ☒	○ Yes ○ No ○ N/A		

STEP 1: Become familiar with the ID handout before monitoring. Circle species looked for. These species will appear in SWIMS dropdown when entering fieldwork event.

AQUATIC PLANTS/ALGAE	RIPARIAN PLANTS	INVERTEBRATES
Brazilian waterweed*, Curly-leaf pondweed, Didymo*, Eurasian water milfoil, European frogbit*, Fanwort*, Hydrilla*, Parrot feather*, Starry stonewort*, Water chestnut*, Water hyacinth*, Water lettuce*, Yellow floating heart*	Manchu tuber†, Knotweed-Japanese, Knotweed-Boh*/giant*, Japanese hops*, Hairy willow herb*, Giant hogweed*, Cattail – hyb/narrow, Phragmites*, Purple loosestrife, Reed mannagrass*, Yellow iris	Asian clam*, Chinese/banded mystery snail, Faucet snail*, Spiny*/fishhook waterflea*, Zebra/ quagga mussels*, Red Swamp crayfish*, Rusty crayfish

***Prohibited or Split Listed Species, †Unregulated species**

STEP 2: Record locations of sites in decimal degrees. If diverting from the protocol (i.e. not snorkeling), indicate how and why in comments. List AIS found, gross area, cover, infested area and whether specimens were live/dead. Indicate whether specimens/photos were collected. Include internal and external labels with species name, SWIMS Station ID, Station name, county, sample date, and collector(s). Indicate if no AIS were found. Legibility is important. If needed, preserve with alcohol (4:1). If possible, submit maps.

1 Boat landing (BL), access (A), targeted search site (TS), meander/incidental site (MS). **2** Record locations of sites in decimal degrees. **3** Record whether AIS present at the site (Y/N). **4** Species present. Each species on a separate row. **5** Gross Area: estimate square meter area of survey site. We generally survey 15m x 15m or 225m² (~50ft x 50ft or 2,500ft²) at each site. **6** Cover (Daubenmire): 1: 0-5% (2.5%), 2: 5-25% (15%), 3: 25-50% (37.5%), 4: 50-75% (62.5%), 5: 75-95% (85.0%), 6: 95-100% (97.5%). Median % cover is the value in parentheses. **7** Infested area: gross area x median % cover. For median % cover see value in parenthesis in cover above. This will be calculated on iPads, but manually calculated in SWIMS.
8 Live:Dead Classes - 1: 100:0; 2: 95:5; 3:75:25; 4: 50:50; 5: 25:75; 6: 5:95; 7: 0:100. Live (L) animals will contain flesh and respond; live plants will be green or with live tissue when scratched and have reproductive fragments (seeds, flowers, apical meristem, etc.). Dead (D) animals will not contain flesh or respond and dead plants sterile fragments that won't root. **9** Indicate whether a photo was taken of the species at the site (Y/N). Photos are only mandatory when first occurrence. **10** Indicate whether a specimen was collected (Y/N). Specimens only mandatory for NR 40 prohibited species. **11** Indicate how and why protocols varied from SOP. Habitat description. Any other pertinent information.

Site[1]	**Latitude[2]** XX.XXXXX	**Longitude[2]** -XX.XXXXX	**AIS Present[3]** (Y/N)	**Species[4], gross a[5]., cover (1-6)[6], infested a. (sq m)[7], and L:D (1-7)[8]**					**Photo taken?[9]** (Y/N)	**Specimen collected?[10]** (Y/N)	**Comments[11] (include habitat description or protocol changes)**
				Species[4]	Gross Area[5]	Cover[6]	Infested Area[7]	Live:Dead[8]			
BL	46.05874	-89.52248	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
					Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
TS floating peninsula	46.06388	-89.31581	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
					Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			

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Site[1]	Latitude[2] xx.xxxxx	Longitude[2] -xx.xxxxx	AIS Present[3] (Y/N)	Species[4], gross a[5]., cover (1-6)[6], infested a. (sq m)[7], and L:D (1-7)[8]					Photo taken?[9] (Y/N)	Specimen collected?[10] (Y/N)	Comments[11] (include habitat description or protocol changes)
				Species[4]	Gross Area[5]	Cover[6]	Infested Area[7]	Live:Dead[8]			
TS 2 Loon near bay	46.66257	-89.31353	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
					Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
TS 3 04 Channel	46.05392	-89.51416	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
					Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
TS Wetland on south shore	46.04696	-89.32407	Y	Suspected Curlyleaf pondweed	Gross Area	Cover	Infested a. (sq. m.)	Live:Dead 100:0	Y	Y	only 4 collected
					Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
TS Point	46.05674	-89.52063	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			
					Gross Area	Cover	Infested a. (sq. m.)	Live:Dead			

STEP 3: Submit specimens/photographs and a map to Regional DNR AIS coordinator for verifier examination (**required for all new records**). Name photos with the SPSCODE_COUNTY_YYYYMMDD_WATERBODY NAME_(WBIC or STATIONID or LAT-LONG)_ COLLECTOR-NAME as detailed in the Photo Guidance. Regional DNR AIS coordinator will ensure ROI creation/editing.

Species	Specimen (Y/N)	Photo Name	Date sent	Comments	*This section is completed by the verifier(s)*					
					Verifier #1	Date	ID	Verifier #2	Date	ID

Comments:

STEP 4: Data was entered into SWIMS on _____ by _____

Once data is entered, send scans of data sheets to Regional DNR AIS Coordinator or attach them to the SWIMS project.

STEP 5: Data was proofed on _____ by _____