

Instructions: Bold fields must be completed.

Location Name	WBIC	SWIMS Station ID	NC Type	County	Date	Collector(s)	Contact info
<i>Milwaukee River</i>	1500	413002		<i>Milwaukee</i>	9/19/19	<i>Andy / Max Soble</i>	<i>Andy.Krueger@wi.gov</i>

Step 1: Circle species that you looked for - review the laminated picture field guide and A Field Guide to Wisconsin Streams\*.

<b>AQUATIC PLANTS/ALGAE</b> Starry stonewort Yellow floating heart Brazilian waterweed European frogbit	Hydrilla Curly leaf pondweed Fanwort Parrot feather Water hyacinth	Water lettuce Eurasian water milfoil Didymo Other _____	<b>RIPARIAN PLANTS</b> Flowering rush Phragmites Japanese hop Glyceria	Purple loosestrife Yellow flag iris Japanese knotweed Other _____	<b>INVERTEBRATES</b> Zebra/quagga mussels Asian clam New Zealand mudsnails Faucet snails Chinese mystery snails	Banded mystery snails Rusty/red swamp crayfish Other _____ FISH Rainbow smelt Round goby	Turbidnose goby Ruffe Alewife Three-spine stickle back Western mosquitofish Eastern mosquitofish	White perch Snakehead Other _____
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STEP 2: Record the sample site, habitat, and land use. If possible, record latitude and longitude (in decimal degrees). If AIS are observed, record species name, area, and density. If possible, collect up to 5 specimens of each AIS and take photos. Include internal and external labels with species code, waterbody name, SWIMS station ID or WBIC or lat/long, collector's name, and date. If needed, preserve specimens with adequate ethanol and identify ethanol type on label.

Site*	Habitat Type†	Land Use‡	Latitude	Longitude	Species 1 name, area <sup>s</sup> , density	Species 2 name, area <sup>s</sup> , density	Species 3 name, area <sup>s</sup> , density	Sample(s) collected (list/NA)?	Photo(s) collected? (list/NA)?	No AIS observed	Comments
D1	Run	V/N	43.17652	-87.95851	SKLD(1-2)	(3ft x 4ft)			X		
D2	Run	V/N	43.17201	-87.95814	SKLD(2-1)	Ins (water)			2		Ins not in bloom
D3	Run	V/N	43.17329	-87.95900						2	
D4	Run	V/N	43.17059	-87.94531	SKLD(2-2)				X		
D5	Run	V/N	43.16462	-87.93994						2	
D6	Run	V/N	43.17747	-87.95625							No AIS Sign

\*A - access, T - target, I - incidental  
†Riffle, Run, Pool  
‡Natural, Agriculture, Urban

\$Area estimates: only one plant (.0001 ac), my living room (12x16' or .004 ac); a baseball diamond (90' X 90' or 0.2 ac); or a football field (300'x 160' or 1.1acre) If linear use appropriate conversion of miles to acres (# of miles X 3.62 (if only on one side of the stream/road divide by 2)).  
||Density ratings: 1 - a few individuals (1-25), 2 - many small, scattered populations (25 - 500), 3 - dense population (> 500)

Step 3: Please indicate how closely you looked for invasive species.

Very
  Somewhat
  Not at all

722 -> Milwaukee

low water / low flow

\*Miller, M., Songer, K., and Dolen, R. 2014. Field Guide to Wisconsin Streams. University of Wisconsin Press. Madison, Wisconsin. <http://uwpress.wisc.edu/books/4887.htm>

**STEP 3:** Regional verifier examination specimen(s) and photographs and provide identification results. Submit to next verifier. Create ROI and attach documents. *This section is completed by the verifier(s)*

Species	Specimen (Y/N)	Photo Name	Date sent	Comments	Verifier #1			Verifier #2		
					Date	Species	Verifier #2	Date	Species	
JKW	Y-Photo	JKW - Milwaukee - 15000 - Kretlow	20170919 - Milwaukee River 10/23/17		Amy Kretlow	10/25/17	JKW	Jobs Jackson	10/26/17	JKW
EWM	Y-Photo	EWM Milwaukee - 15000 - Kretlow	20170919 - Milwaukee River - 10/23/17		Amy Kretlow	10/25/17	EWM	Jobs Jackson	10/26/17	EWM

**STEP 4:** For new aquatic invasive species populations, collect photographs and samples. Provide photos, preserved specimens, and copies of the datasheet to the regional DNR verifier. Name photos with the SPSCODE\_YYMMDD\_WBIC or STATIONID or LAT LONG\_ COLLECTOR.

**STEP 5:** Data was entered into SWIMS on 8/28/2017 by \_\_\_\_\_

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

**STEP 6:** Data was proofed on 10/23/2017 by Amy Kretlow

**Notes:**

\*Miller, M., Songer, K., and Dolen, R. 2014. Field Guide to Wisconsin Streams. University of Wisconsin Press. Madison, Wisconsin. (<http://uwpress.wisc.edu/books/4887.htm>)