

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)
McLeith Lake	2481500	Polk	6/20/18	Y	1.5 ft	123	BE, JW, KA	10:00 am	12:45 pm	

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

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

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
TS 1	45.56176	92.64243			N/A	Y			
TS 2	45.57028	92.63918			N/A	Y			
TS 3	45.56745	92.63919			N/A	Y			
TS 4	45.56684	92.63029			N/A	Y			
TS 5	45.56620	92.63574			N/A	Y			
BL 1	45.56579	92.63691			N/A	Y			

*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.

STEP 3: Regional verifier examination specimen(s) and photographs and provide identification results. Submit to next verifier. Create ROI and attach documents.

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

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_YYYYMMDD_WBIC or STATIONID or LAT LONG_COLLECTOR.

STEP 5: Data was entered into SWIMS on _____ by _____

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

STEP 6: Data was proofed on _____ by _____

Notes:

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 <u>Jeremy Williamson</u>		Phone Number <u>715-485-8639</u>	Email <u>Jeremy.W@CO.polk.wi.us</u>
Monitoring Location			
Waterbody Name <u>McKeith Lake</u>	WBIC <u>2481500</u>	County <u>Polk</u>	Township Name <u>Lake Town</u>
Date and Time of Monitoring			
Start Date <u>6-20-18</u>	Start Time <u>10:00 am</u>	End Date (= Start Date) <u>6-20-18</u>	End Time <u>12:45 pm</u>
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)			
Site 1: Latitude (optional): <u>45.56472</u>		Longitude (optional): <u>92.64073</u> ☐ Preservative Added	
Secchi depth (m) <u>245m</u>		Number of net tows <u>1</u> Depth of tows (m) <u>1</u>	
Site 2: Latitude (optional):		Longitude (optional): ☐ Preservative Added	
Secchi depth (m) _____		Number of net tows _____ Depth of tows (m) _____	
Site 3: Latitude (optional):		Longitude (optional): ☐ Preservative Added	
Secchi depth (m) _____		Number of net tows _____ Depth of tows (m) _____	
☒ Have you consolidated all of your samples into one composite bottle?			
☒ Have you sent your samples to the DNR Plymouth Service Center?			
COMMENTS/OBSERVATIONS:			
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".			

The purpose of this form is to track the presence/absence of spiny or fishhook water fleas collected using a plankton net during AIS 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. 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 <i>Jeremy Williamson</i>		Phone Number <i>715-485-8639</i>	Email <i>Jeremy.WECO@polk.wisconsin.gov</i>
Monitoring Location			
Waterbody Name <i>McKeith Lake</i>	WBIC <i>2481500</i>	County <i>Polk</i>	Township Name <i>Laketown</i>
Date and Time of Monitoring			
Start Date <i>6-20-18</i>	Start Time <i>10:00 am</i>	End Date (= Start Date) <i>6-20-18</i>	End Time <i>12:45 pm</i>
Monitoring Results			
Method used: ☐ horizontal tows (near surface) ☐ oblique tows (thermocline to surface) ☒ vertical tows (bottom to surface)			
Diameter of plankton net opening 30cm 50cm other _____ (circle one)			
Site 1: Latitude (optional): <i>45.56472</i>		Longitude (optional): <i>92.64073</i> ☐ Preservative Added	
Secchi depth (m) _____ (optional)		Depth sampled (if vertical or oblique tow) _____ ft/m circle one	
Site 2: Latitude (optional):		Longitude (optional): ☐ Preservative Added	
Secchi depth (m) _____ (optional)		Depth sampled (if vertical or oblique tow) _____ ft/m circle one	
Site 3: Latitude (optional):		Longitude (optional): ☐ Preservative Added	
Secchi depth (m) _____ (optional)		Depth sampled (if vertical or oblique tow) _____ ft/m circle one	
☒ Have you consolidated all of your samples into one composite bottle? <i>ziplock bag</i>			
☐ Have you sent your samples to the DNR Plymouth Service Center?			
During this monitoring trip, did you find what you suspect are Spiny or Fishhook Waterfleas in this waterbody? ☐ Yes ☐ No			
Voucher Sample			
If you found Spiny or Fishhook Water fleas, did you collect a voucher specimen and bring it to your local DNR office? If so, which office?			
☐ Rhinelander	☐ Spooner	☐ Green Bay	☐ Oshkosh ☐ Did not take sample to a DNR office
☐ Fitchburg	☐ Waukesha	☐ Eau Claire	☐ Superior ☐ Other Office: _____

If you find Spiny or Fishhook Water Fleas

Please bring a copy of this form, along with a voucher specimen and if possible, a map showing where you found the suspect waterfleas to your regional Citizen Lake Monitoring Coordinator at the DNR. All initial discoveries should be placed in rubbing alcohol until verification by an expert is obtained.

If you don't Find Spiny or Fishhook Water Fleas

If you submit your data online, that is all you need to do. Otherwise, please mail a copy to your regional DNR Citizen Lake Monitoring coordinator. <http://dnr.wi.gov/lakes/contacts>

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	
Was the specimen confirmed as....?	
Spiny Waterflea? ☐ Yes ☐ No	Fishhook Waterflea? ☐ Yes ☐ No
Have you entered the results of the voucher 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".	