

ENTERED  
9/18/2015

Lake Name <i>Echo</i>	County <i>LIN</i>	WBIC <i>1488400</i>	Date(s) <i>8/18/15</i>	AIS sign? <input checked="" type="radio"/> Y <input type="radio"/> N	Secchi (ft or m) <i>2</i>	Conductivity (ZM tow if $\geq 99$ umhos/cm)
Data collectors <i>Alvin Wint, Ty</i>		Lead Monitor phone and email <i>(915) 892 5913 Alvin.Wint@M.I.gov</i>	Start time (~ 15 min) <i>9:30 am</i>	End time (~ 15 min) <i>10:30 pm</i>	Total collector time (hrs x # collectors)	

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Japanese knotweed, Yellow iris, Eurasian water-milfoil, curly-leaf pondweed, Hydrilla, Brazilian waterweed, yellow floating heart, European frog-bit, yellow floating heart, water chestnut, Brazilian waterweed, fanwort, parrot feather, water hyacinth, water lettuce, zebra mussel, quagga mussel, water flea, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail, Asian clam, red swamp crayfish, rusty crayfish, didymo, and any other AIS found.

STEP 1: Record locations of sampling sites (in decimal degrees). Sampling sites include all public boat landings (BL), 5 target sites (TS) and the meander survey sites (MS). List AIS found at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and 3 of each snail species and include internal and external labels with WBIC, lake name, 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 or N*)	If N snorkel, indicate why	Species, density 1-5*
1	45.35379°	89.47464	N	No Gear	2
2	45.35493°	89.47192	N	/	4
3	45.35453°	89.46912	N	/	3
4	45.35133°	89.47073°	N	/	3
5	45.35082	89.47328	N	/	3
BL	45.35077°	89.47543°	N	No Gear	2

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	Phone Number	Email	
Alan W. Wirt	715-892-5413	Alan.Wirt@wi.gov	
Monitoring Location			
Waterbody Name	WBIC	County	Township Name
Echo	1488406	Lincoln	HARRISON
Date and Time of Monitoring			
Start Date	Start Time	End Date (= Start Date)	End Time
18/18/2015	11:06	8/18/	12:30pm
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):	Longitude (optional):	<input checked="" type="checkbox"/> Preservative Added	
Secchi depth (m) 2	Number of net tows 1	Depth of tows (m) 1	
Site 2: Latitude (optional):	Longitude (optional):	<input checked="" type="checkbox"/> Preservative Added	
Secchi depth (m) 2	Number of net tows 1	Depth of tows (m) 1	
Site 3: Latitude (optional):	Longitude (optional):	<input checked="" type="checkbox"/> Preservative Added	
Secchi depth (m) 2	Number of net tows 1	Depth of tows (m) 1	
<input type="checkbox"/> Have you consolidated all of your samples into one composite bottle?			
<input type="checkbox"/> 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 analysis			
Name of person or museum who identified the voucher specimen			
Did the samples contain zebra/mussel veligers? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Have you entered the results of the samples in SWIMS? <input type="checkbox"/> Yes <input type="checkbox"/> 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".			

55 near LAKE, all tows done in center, due to size and depth.

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.

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Primary Data Collector			
Name	Phone Number	Email	
Alan W. Wirt	715-892-5413	Alan.Wirt@wi.gov	
Monitoring Location			
Waterbody Name	WBIC	County	Township Name
Echo	1488400	Lincoln	Hannick
Date and Time of Monitoring			
Start Date	Start Time	End Date (= Start Date)	End Time
8/18/2015	11:45	8/18/2015	12:30pm
Monitoring Results			
Method used: <input checked="" type="checkbox"/> horizontal tows (near surface) <input type="checkbox"/> oblique tows (thermocline to surface) <input type="checkbox"/> vertical tows (bottom to surface)			
Diameter of plankton net opening 30cm <input checked="" type="checkbox"/> 50cm other _____ (circle one)			
Site 1: Latitude (optional):	Longitude (optional):		<input checked="" type="checkbox"/> Preservative Added
Secchi depth (m) <u>2</u> (optional)	Depth sampled (if vertical or oblique tow) _____ ft/m circle one		
Site 2: Latitude (optional):	Longitude (optional):		<input checked="" type="checkbox"/> Preservative Added
Secchi depth (m) <u>2</u> (optional)	Depth sampled (if vertical or oblique tow) _____ ft/m circle one		
Site 3: Latitude (optional):	Longitude (optional):		<input checked="" type="checkbox"/> Preservative Added
Secchi depth (m) <u>2</u> (optional)	Depth sampled (if vertical or oblique tow) _____ ft/m circle one		
<input checked="" type="checkbox"/> Have you consolidated all of your samples into one composite bottle?			
<input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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?			
<input type="checkbox"/> Rhinelander	<input type="checkbox"/> Spooner	<input type="checkbox"/> Green Bay	<input type="checkbox"/> Oshkosh <input type="checkbox"/> Did not take sample to a DNR office
<input type="checkbox"/> Fitchburg	<input type="checkbox"/> Waukesha	<input type="checkbox"/> Eau Claire	<input type="checkbox"/> Superior <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No	Fishhook Waterflea? <input type="checkbox"/> Yes <input type="checkbox"/> No
Have you entered the results of the voucher in SWIMS? <input type="checkbox"/> Yes <input type="checkbox"/> 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".	