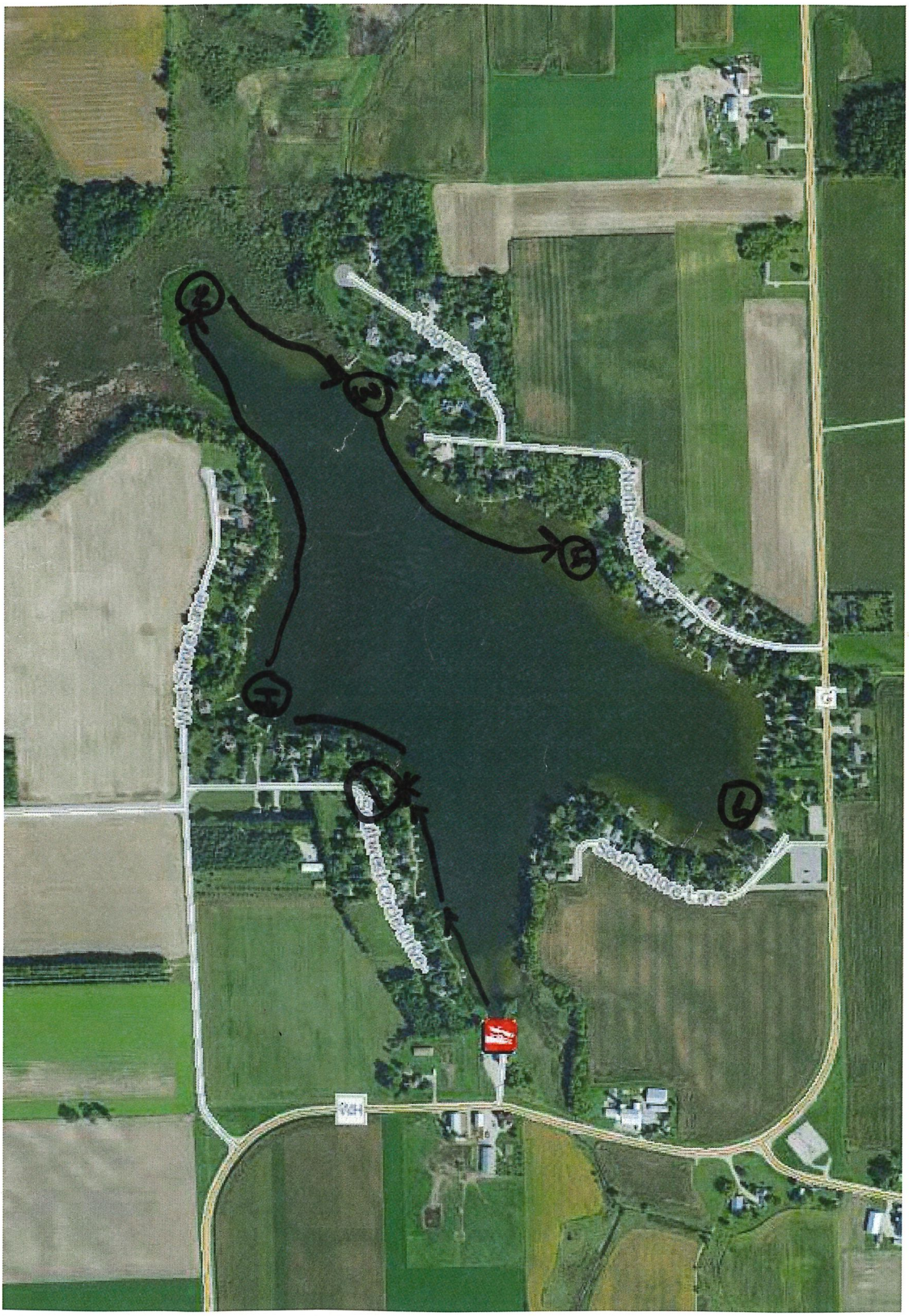
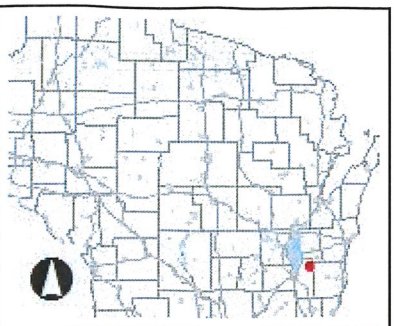
| OFFICIAL_NAME | Wolf Lake |
|---|---|
| WBIC | 60800 |
| Lead | |
| COUNTY | Fond du Lac |
| SIZE(ACRES) | 75.02 |
| Latitude | 43.8644077 |
| Longitude | -88.2081362 |
| MAX_DEPTH (FEET) | 47 |
| WATERBODY_TYPE_CODE | ED Lake Survey |
| LANDINGCOUNT | 1 |
| Beach/Public/Park Count | 1 |
| Secchi Depth (Ft) | 5.3 |
| AIS Present | Curly-Leaf Pondweed, Eurasian Water-Milfoil |
| Needed Vouchers | |
| | **Hybrid Needed for Testing** |
| Boating Ords | |
| Last Monitoring Event | 2011 |
| Notes | Did not end up treating this spring but hope to next year for EWM. |
| Volunteers | Monday June 19th |

10002487

# Wolf Lake (WBIC 60800)





## Legend

- Boat Access
  - CARRY-IN
  - RAMP
  - UNKNOWN
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands

0.3 0 0.13 0.3 Miles

1: 7,920

NAD_1983_HARN_Wisconsin_TM



## Notes

Fond du Lac County
75 acres
Boat Launch: 43.85983, -88.20764

Aquatic Invasive Species (AIS) Early Detection Monitoring Lake Data Form

Form 3200.1-xxx (R 5/2016)

**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) |
|---|---|---|---|---|---|---|---|---|---|---|
| Wolf Lake | 60800 | Fond du Lac | 6/19/17 | Y. | | | Amy Kretlow Alex Selle | 9:15am | 12:30 | |

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

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

**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** |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.86279 | -88.20916 | N | Blue green | | | | X | |
| I | 43.86403 | -88.21172 | N | | Ewm (2L) | N | N | | |
| 2 | 43.86816 | -88.21265 | N | | CLP (2L) | N | N | X | |
| 3 | 43.86777 | -88.20988 | N | | Ewm (1L) Hybrid cattails (3L) | N | N | | native snail |
| 4 | 43.86593 | -88.20653 | N | | Ewm (1L) | N | N | | |
| 5 | 43.86229 | -88.20344 | N | | | | | X | public beach shoreline tons of washed up Ewm + other plants |
| BL | 43.85987 | -88.20757 | N | | Ewm (2L) CLP (2L) | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

*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 | Sent to | 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 7/13/17 by Alex Selle.

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

State of Wisconsin
Department of Natural Resources
Wisconsin Lakes Partnership

# Mussel Veliger Tow Monitoring Report

Form 3200-135 (R 02/10)

**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 |
|---|---|---|
| | | |

## Monitoring Location

| Waterbody Name | WBIC | County | Township Name |
|---|---|---|---|
| Wolf Lake | 60800 | Fond du Lac | |

## Date and Time of Monitoring

| Start Date | Start Time | End Date (= Start Date) | End Time |
|---|---|---|---|
| 6/19/17 | | | |

## 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): 43.86420 Longitude (optional): 88.20824 ☐ Preservative Added

Secchi depth (m) 6 5.5 ft Number of net tows_____ Depth of tows (m) _____

**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".*

State of Wisconsin
Department of Natural Resources
Wisconsin Lakes Partnership

# Water Flea Tow Monitoring Report

Form 3200-128 (R 02/10)

**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 | Phone Number | Email |
|---|---|---|
| | | |

## Monitoring Location

| Waterbody Name | WBIC | County | Township Name |
|---|---|---|---|
| Wolf | | | |

## Date and Time of Monitoring

| Start Date | Start Time | End Date (= Start Date) | End Time |
|---|---|---|---|
| 6/19/17 | | | |

## 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): 43.86420 Longitude (optional): -88.20824 ☐ Preservative Added

Secchi depth (m) 5.5ft (optional) Depth sampled (~~if vertical or oblique tow~~ eckman) 44 (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?

☐ 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".*