

# 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.**

|                      |   |   |                                  |                               |                               |                 |
|----------------------|---|---|----------------------------------|-------------------------------|-------------------------------|-----------------|
| <b>Location Name</b> | <b>SWIMS Station ID</b>   | <b>County</b>   | <b>Collector(s)</b>              | <b>Date</b>                   | <b>Start Time</b>             | <b>End Time</b> |
| Little Bateau Lake   | 10006647  | Vilas   | Tatum Eigenberger & Cathy Higley | 08/11/2021                    | 10:00 AM                      | 11:30 AM        |
| <b>Protocol</b>      | Wetland <input type="radio"/> Lake <input checked="" type="radio"/> Stream <input type="radio"/> Roadside <input type="radio"/> OIT <input type="radio"/>   | <b>AIS Sign Present</b>   |                                  |                               |                               |                 |
| <b>Pathway</b>       | Maritime <input type="checkbox"/> State & Fed <input type="checkbox"/> Road & Trans <input type="checkbox"/> Canal, Dam, Div <input type="checkbox"/> Rec <input type="checkbox"/> OIT <input type="checkbox"/> Natural <input checked="" type="checkbox"/> | <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A |                                  | <b>Paid Hours (Hrs x PPL)</b> | <b>Vol. Hours (Hrs x PPL)</b> | <b>0</b>        |
|                      |   |   |                                  | 3                             |                               |                 |

**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 | INVERTEBRATES |
|                      | Faucet snail* |

\*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 225m<sup>2</sup> (~50ft x 50ft or 2,500ft<sup>2</sup>) 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 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 <sup>1</sup> | Latitude <sup>2</sup><br>xx.xxxxx | Longitude <sup>2</sup><br>-xx.xxxxx | AIS Present <sup>3</sup><br>(Y/N) | Species <sup>4</sup> , gross area <sup>5</sup> , cover (1-6) <sup>6</sup> , infested a. (sq. m) <sup>7</sup> , and L:D (1-7) <sup>8</sup> |                    | Photo taken? <sup>9</sup><br>(Y/N) | Specimen collected? <sup>10</sup><br>(Y/N) | Comments <sup>11</sup><br>(Include habitat description or protocol changes) |
|-------------------|-----------------------------------|-------------------------------------|-----------------------------------|---|--------------------|------------------------------------|--|---|
|                   |                                   |                                     |                                   | Gross Area <sup>5</sup>   | Cover <sup>6</sup> |                                    |  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)               | Live:Dead                                  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)               | Live:Dead                                  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)               | Live:Dead                                  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)               | Live:Dead                                  |   |

*See p. 2*

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| Site <sup>1</sup> | Latitude <sup>2</sup><br>xx.xxxxx | Longitude <sup>2</sup><br>-xx.xxxxx | AIS Present <sup>3</sup><br>(Y/N) | Species <sup>4</sup> , gross a <sup>5</sup> , cover (1-6) <sup>6</sup> , infested a. (sq. m.) <sup>7</sup> , and L:D (1-7) <sup>8</sup> |                    |                            | Photo taken? <sup>9</sup><br>(Y/N) | Specimen collected? <sup>10</sup><br>(Y/N) | Comments <sup>11</sup><br>(include habitat description or protocol changes)   |
|-------------------|-----------------------------------|-------------------------------------|-----------------------------------|---|--------------------|----------------------------|------------------------------------|--|---|
|                   |                                   |                                     |                                   | Gross Area <sup>5</sup>   | Cover <sup>6</sup> | Infested Area <sup>7</sup> |                                    |  |   |
| TS                | 46.172733                         | -89.293687                          | No                                | Gross Area  | Cover              | Infested a. (sq. m.)       | Live:Dead                          | Yes  | Collected suspicious snail specimens - ended up being very small native brown mystery snails (not faucet snails) as per Dr. Sandland. |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)       | Live:Dead                          |  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)       | Live:Dead                          |  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)       | Live:Dead                          |  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)       | Live:Dead                          |  |   |
|                   |                                   |                                     |                                   | Gross Area  | Cover              | Infested a. (sq. m.)       | Live:Dead                          |  |   |
|                   |                                   |                                     |                                   | 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\_YYMMDD\_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 |
|         |                |            |           |          |  |      |    |             |      |
|         |                |            |           |          |  |      |    |             |      |
|         |                |            |           |          |  |      |    |             |      |

**Comments:** Survey was follow up from a suspected but unverifiable specimen in 2019. (Was suspected to be a faucet snail.)