

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.

Location Name	SWIMS Station ID	County	Collector(s)	Date	Start Time	End Time
Torch Lake	10006086	Vilas	Cathy Higley, Tatum Eigenberger	7/12/21	9:50 AM	1:50 PM
Protocol	Wetland ☐ Lake ☒ Stream ☐ Roadside ☐ OIT ☐			AIS Sign Present		Paid Hours (Hrs x PPL)
Pathway	Maritime ☐ State & Fed ☐ Road & Trans ☐ Canal, Dam, Div ☐ Rec ☒ OIT ☐ Natural ☒			Yes ☐ No ☐ N/A		Vol. Hours (Hrs x PPL)
				8		8

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	RIPARIAN PLANTS	INVERTEBRATES
see attached datasheet	"	"

*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.

Site ¹	Latitude ² xx.xxxxx	Longitude ² -xx.xxxxx	AIS Present ³ (Y/N)	Species ⁴ , gross a ⁵ , cover (1-6) ⁶ , infested a. (sq m) ⁷ , and L:D (1-7) ⁸	Photo taken? ⁹ (Y/N)	Specimen collected? ¹⁰ (Y/N)	Comments ¹¹ (include habitat description or protocol changes)															
BL	46.02126	-89.27399	N	<table border="1"> <tr> <th>Species⁴</th> <th>Gross Area⁵</th> <th>Cover⁶</th> <th>Infested Area⁷</th> <th>Live:Dead⁸</th> </tr> <tr> <td></td> <td>Gross Area</td> <td>Cover</td> <td>Infested a. (sq. m.)</td> <td>Live:Dead</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Infested a. (sq. m.)</td> <td>Live:Dead</td> </tr> </table>	Species ⁴	Gross Area ⁵	Cover ⁶	Infested Area ⁷	Live:Dead ⁸		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead				Infested a. (sq. m.)	Live:Dead			
Species ⁴	Gross Area ⁵	Cover ⁶	Infested Area ⁷	Live:Dead ⁸																		
	Gross Area	Cover	Infested a. (sq. m.)	Live:Dead																		
			Infested a. (sq. m.)	Live:Dead																		
TS#1	46.02402	-89.27341	N	<table border="1"> <tr> <th>Species⁴</th> <th>Gross Area⁵</th> <th>Cover⁶</th> <th>Infested Area⁷</th> <th>Live:Dead⁸</th> </tr> <tr> <td></td> <td>Gross Area</td> <td>Cover</td> <td>Infested a. (sq. m.)</td> <td>Live:Dead</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Infested a. (sq. m.)</td> <td>Live:Dead</td> </tr> </table>	Species ⁴	Gross Area ⁵	Cover ⁶	Infested Area ⁷	Live:Dead ⁸		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead				Infested a. (sq. m.)	Live:Dead			
Species ⁴	Gross Area ⁵	Cover ⁶	Infested Area ⁷	Live:Dead ⁸																		
	Gross Area	Cover	Infested a. (sq. m.)	Live:Dead																		
			Infested a. (sq. m.)	Live:Dead																		

pertinent information.

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 225m² (~50ft x 50ft or 2,500ft²) 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 parenthesis 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

Aquatic Invasive Species Monitoring Data

Site ¹	Latitude ² xx.xxxxx	Longitude ² -xx.xxxxx	AIS Present ³ (Y/N)	Species ⁴ , gross a ⁵ , cover (1-6) ⁶ , infested a. (sq m) ⁷ , and L:D (1-7) ⁸			Photo taken? ⁹ (Y/N)	Specimen collected? ¹⁰ (Y/N)	Comments ¹¹ (include habitat description or protocol changes)
				Species ⁴	Gross Area ⁵	Cover ⁶			
T32	46.02488	-89.27560	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead	
T33	46.02424	-89.27691	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead	
T34	46.02062	-89.27989	N		Gross Area	Cover	Infested a. (sq. m.)	Live:Dead	
T35	46.02090	-89.27745	N		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_YYYYMMDD_WATEROID 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

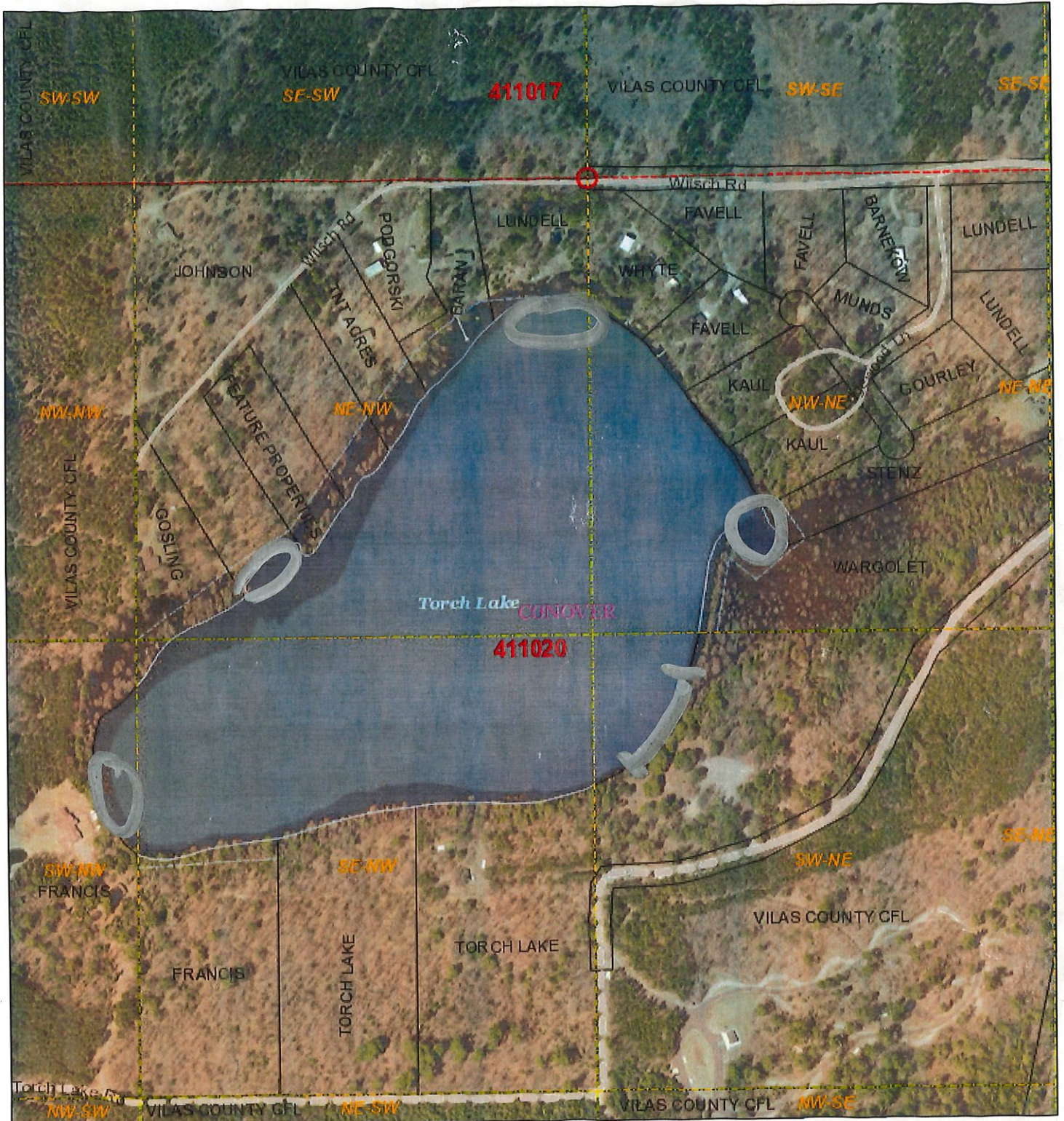
Comments:

STEP 4: Data was entered into SWIMS on 7/20/21 by Tatum Eigenberger

Once data is entered, send scans of data sheets to Regional DNR AIS Coordinator or attach them to the SWIMS project.

STEP 5: Data was proofed on _____ by _____

Vilas County Planning and Zoning Map

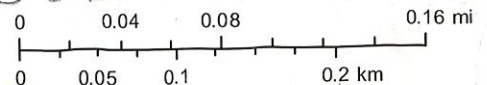


7/9/2021, 4:41:16 PM

46.02250, -89.27583

1:4,800

Section Labels	Quarter Corner	Highways
Sub-Section Labels	Section Line	US/State Highway
Owner Last Name Only	Quarter/Gov't Lot Line	County Highway
Town/City Boundary	Water Access	Major Roads
Section Corners	Boat Ramp	Collector Road
Section Corner	Carry-In Lake Access	Local Road
		Resource Road



Created by Vilas County Mapping Department
Vilas County Land Information Office
Vilas County Land Information Department