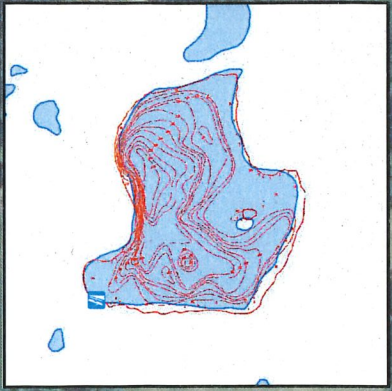
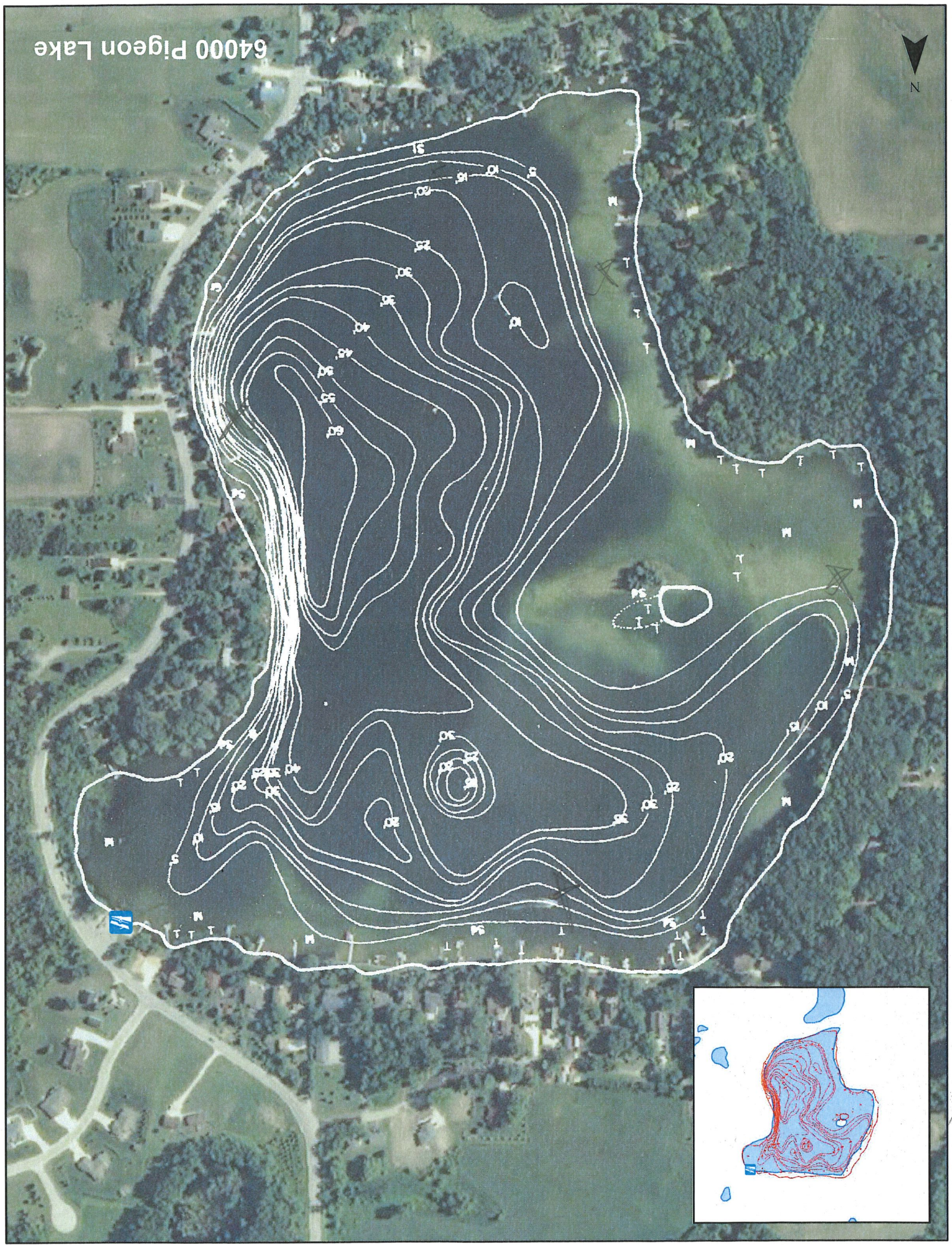


OFFICIAL_NAME	Pigeon Lake
WBIC	64000
Lead	
COUNTY	Manitowoc
SIZE(ACRES)	79.69
Latitude	43.98688
Longitude	-87.8739
MAX_DEPTH (FEET)	62
WATERBODY_TYPE_CODE	ED Lake Survey
LANDINGCOUNT	1
Beach/Public/Park Count	
Secchi Depth (Ft)	9
AIS Present	Alewife, Banded Mystery Snail, Curly-Leaf Pondweed, Eurasian Water-Milfoil, Zebra Mussel
Needed Vouchers	Alewife, CLP, ZM
Boating Ords	
Last Monitoring Event	2012
Notes	Whole lake EWM treatment on April 29, 2017.
Volunteers	Monday July 10 th



Instructions: Bold fields must be completed.

Location Name	WBIC	County	Date(s)	AIS sign?	Secchi (ft or m)	Conductivity (2M ≥ 99 umhos/cm)	Collector(s)	Start Time	End Time	Total Hours (hrs x # ppl)
Pigeon Lk.	64000	Nauvoo	7/19/17	Yes	8	N/A.	Alex Scler, Amy Ketchum	10:00 am	12:30	2.5 hrs

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	Microfish
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	43.98962	-87.87610	Yes	-	ΣUM(1-0), BNS(2-2), ZM(2-2)	N	N		
2	43.98718	-87.87569	Yes	-	ZN(1-2), BNS(1-2)	N	N		Island
3	43.98849	-87.87586	Yes	-	ZN(1-1), BMS(1-1), ΣUM(1-0)	N	N		lots of
4	43.98520	-87.87110	Yes	-	ZM(2-2), BNS(1-2)	N	N		Chow
5	43.98827	-87.87095	Yes	-	ZM(1-2), BNS(1-2)	N	N		Long Island
6	43.99446	-87.86987	N	Swimming	Possible Yellow Iris(2-2), BNS(1-1)	N	N		

*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 whole 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

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_YYMMDD_WBIC or STATIONID or LAT LONG_COLLECTOR.

STEP 5: Data was entered into SWIMS on 7/10/17 by Alex Sella

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

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>Alex Sella / Amy Kretlow</i>		Phone Number <i>920-893-8522</i>	Email <i>Alexander.Sella@wisconsin.gov</i>
Monitoring Location			
Waterbody Name <i>Pigeon Lake</i>	WBIC <i>604000</i>	County <i>Manitowish</i>	Township Name
Date and Time of Monitoring			
Start Date <i>7/10/17</i>	Start Time	End Date (= Start Date) <i>7/10/17</i>	End Time
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 <u> </u> (circle one) <i>check man</i>			
Site 1: Latitude (optional):		Longitude (optional): ☐ Preservative Added	
Secchi depth (m) <i>8 ft</i> (optional)		Depth sampled (if vertical or oblique tow) <i>58 ft</i> (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".			