

Lake Detroiters Association

2015 Newsletter



“EVERYONE HAS TO BE PART OF THE SOLUTION”

71st ANNUAL MEETING
North Shore of Beautiful Deadshot Bay; Detroit Lake
(1941 Long Bridge Road - Event Tent)

Saturday - June 27, 2015

8:00-9:15 Pancake Breakfast & Social
9:30 Meeting

Your Beach Captain Information:

**2015 Supplement to
“The Lake Detroiters”
(LDA Directory)
will be available
at the LDA
Annual Meeting!**

Lake Detroiters Association (LDA)

P.O. Box 1310

Detroit Lakes, MN 56501

info@lakedetroiters.com

www.lakedetroiters.com



Lake Detroiters

Join Lake Detroiters Today - Dues are \$25

Why Should You Join?

Lake Detroiters' Mission:
"To promote the protection and enhancement of Detroit Lake"

Lake Detroiters Association (LDA) has been serving and protecting lake interests since 1944 and is one of the oldest organized lake groups in the area. Our lake association is dedicated to maintain the quality of life in and on the waters of Big and Little Detroit Lakes and Deadshot Bay.

If you haven't already joined LDA please read on to see why it is important to do so, and why the organization is worthy of your support and membership.

- ▶ You preserve property values by protecting the lake eco-system - a healthy lake is an asset for our community and for tourism revenue
- ▶ LDA advocates to protect our mile-long city beach which Detroit Lakes can boast is the only one in Minnesota
- ▶ You have a voice in your concerns regarding the lake
- ▶ LDA represents lake concerns locally at the City Planning Commission, the Pelican River Watershed District, Becker County meetings, Becker County Coalition of Lakes Association (COLA), and also at the state level where policy decisions are formulated that impact lake homeowners locally
- ▶ Members have free information and resources available such as shoreline landscaping, erosion control, water quality, and more

Lake Detroiters' concerns itself with lake protection issues in St. Paul. Minnesota Lakes and Rivers Advocates (MLR) is a close partner with statewide Coalition of Lake Associations in order to be a larger voice for lake issues. With your membership and support LDA can better advocate for lake interests.

Lake Detroiters' Board of Directors meets every month, usually on the 2nd Thursday at 7AM in the Essentia meeting Room; North Campus in Detroit Lakes. These meetings are open to the public (contact a board member for details or visit the LDA website).

Each year a spring newsletter is delivered to each of the 725 lakeshore property owners by 62 Beach Captains. Every lake homeowner belongs to a Beach Neighborhood. View the lake map on page 23 to help identify your Beach Neighborhood and contact your Beach Captain if you have lake concerns or questions or be directly in touch with Lake Detroiters: info@lakedetroiters.com

Lake Detroiters' Association voting membership is open to every lakeshore property owner within 1,000 feet of Big and Little Detroit Lake and Deadshot Bay.

LDA keeps in touch with an up-to-date website and Facebook.

Visit LDA's website often for current information: www.lakedetroiters.com

LDA is on 

Join 1,100+ others in knowing about lake issues at [Lake Detroiters](#)



2015 Lake Detroiters Association Annual Meeting
Saturday; June 27th - - Shores of North Deadshot Bay
(Event Tent near 1941 Long Bridge Road)



8:00 - 9:15 Pancakes and sausage, juice, coffee and member social

\$5/person by Knights of Columbus

Bring the entire family for breakfast - kids welcomed

9:30 - 11:00 Meeting

- **Introductions**
Local Officials, Legislators, DNR, Commissioners, LDA Board
- **2014 in Review and 2015 Opportunities - President Halbakken Fischburg**
- **Flowering Rush Treatment Update & AIS Public Access Prevention Program**
- **South Public Access Expansion Update - MN DNR**
- **Invited :: Gov Mark Dayton :: "EVERYONE HAS TO BE PART OF THE SOLUTION"**
- **Speaker :: Paul Radomski; MN DNR :: "Lakeshore Living"**
How to improve lakeshore properties while maintaining and protecting an important public resource
- **2015 Budget Approval**
- **Presentation of proposed Bylaw modifications**
- **Nominations/Election of New Board Members**
- **Questions and Comments**
- **Adjourn**

~ ~ DOOR PRIZE DRAWINGS ~ ~

2014 Annual Meeting Summary/Laurie Olson, Secretary full minutes available at the Annual Meeting

President Barb Halbakken Fischburg called the meeting to order with 130 present. Keynote speaker was LT COL Rodmen Smith; DNR Division of Enforcement; St. Paul "Protecting Our Natural Resources". Smith reminded attendees that everyone has a responsibility to protect public waters and education of all water users is paramount. The zebra mussel canine was present and plays a key role in quickly identifying zebra mussels on watercraft. President Barb Halbakken Fischburg presented the year in review and unveiled *The Lake Detroit* – Celebrating 70 years, 80-page directory and available for paid members. Becker County will receive \$140K this year and \$319 each year here after for developing an AIS prevention program. Brenda Moses from the Pelican River Watershed District provided an update and Plan for flowering rush treatment A continued partnered with Mississippi State and Concordia College for research continues with annual treatments that have reduced flowering rush. More samples will be obtained to further evaluate success. Roadside pickup of lake weeds will be available thru Labor Day. Carol Bergren, LDA Beach Captain Program Chair received the "Friends of the Lake Award" for 2014. The 2014 Beach Captain program consists of 57 Beach Captains and has proved to be a successful program in contacting all lake homeowners. Janine Schneider will be the 2015 Beach Captain Chair. LDA Bylaws need review and updating. Dick Hecock will chair the committee. Sally Hausken; Sucker Creek Preserve thanked Lake Detroiters for the donation to erect a Sucker Creek History sign. The 117 acre preserve offers water quality protection for Detroit Lake and is open to the public for trail walks/wildlife observation. Two additional parcels have been acquired by the MN DNR for a new North Public Access west of the Holiday Inn. LDA continues to work with the MN DNR for an expanded layout on the South Access that will also better accommodate watercraft inspections. Boat slip density on Detroit is greater than any other MN lake of comparable acreage. The American Legion request for 50 slips recently failed to pass. LDA is in opposition of additional slips on the Detroit Lakes City Beach. Board elections occurred and are as follows: Retired: Carol Bergren and Dave Welte. New: Jeannine Schneider and Linda Wiedmann. Renewed BOD positions: Dick Hecock, Doug Anselmin, and Dennis Fuhman. The 2014 LDA sweatshirt was available for purchase.



Letter From the President

Welcome, Summer of 2015!

2014 was a milestone year for Lake Detroiters. Membership reached the highest level in the history of the organization; flowering rush was basically not visible above the water line; Lake Detroiters Facebook page has grown to serve over 1,100 local, statewide, and national interested water protection advocates; and the watercraft inspection program inspected 4,629 watercrafts; AND Detroit Lake remains zebra mussel free as far as we know.

Lake Detroiters continues to actively integrate community activity awareness thru community participation events and informs lake homeowners of issues pertaining to lake life thru our communications network. LDA represents Detroit Lake interests at city, county, watershed district, and state meetings dealing with Aquatic Invasive Species (AIS), public accesses, boat inspections, and zoning issues. Our organization has much to be proud of.

But now what about 2015? Becker County has assumed the Aquatic Invasive Species Prevention Program and Detroit Lake will have inspectors to determine if watercraft meet state guidelines for launching. If a watercraft does not meet the acceptable protocols the watercraft will be denied launch until decontamination or other methods bring the watercraft into compliance. A decontamination unit is planned to be located at the South Public Access. In order to maintain lake quality and free from AIS, **“EVERYONE HAS TO BE PART OF THE SOLUTION”**. Pass the word to friends and families bringing watercraft from other waterbodies. Keep in mind that just because a lake or river is not on the DNR “List of Infested Waters” does not mean not infested, especially for zebra mussels. Many lake associations statewide are struggling to maintain their membership base. We are very fortunate that our membership continues to grow. Our social media presence on Facebook connects with our community on important lake related concerns on a timely basis.

As I read my 2014 message, the last paragraph remains the same: LDA will be looking for new ways to protect our lake resources and continue building on programs already in place. How can the lake be effectively and efficiently shielded from new Aquatic Invasive Species entering the lake? How can we prevent runoff and contaminants from upsetting the natural eco-system to maintain a healthy lake? How can the native fishery be maintained to continue Detroit Lakes as a tourist attraction that supports our community’s livelihood? These remain our challenges and so; there is one key factor that remains for all of us to remember: **“EVERYONE HAS TO BE PART OF THE SOLUTION”**.

I have just completed my third year as your President, and I am grateful for the support of our LDA members. You all make us proud! Thank YOU!



Barb Halbakken Fischburg
barb@lakedetroiters.com

Board of Directors and Terms

Officers

President	Barb Halbakken Fischburg	2012 to 2015
Vice President	Dennis Fuhrman.....	2014 to 2017
Secretary	Laurie Olson	2013 to 2016
Treasurer	Reneé Alsop	2013 to 2016

Board of Directors

Doug Anselmin (2014-2017)	Judie Cherry (2014-2017)
Sue Disse (2012-2015)	Dick Hecock (2014-2017)
Julie Herman (2012-2015)	Ryan Manke (2012-2015)
Janine Schneider (2014-2017)	Lois Solheim (2013-2016)
Linda Wiedmann (2014-2017)	

Becker County DNR Permitted Lake Service Providers



(information as of May 2015 - check DNR website for more current listings)

BUSINESS NAME	PHONE #
BEACHCOMBERS BEACHCLEANING	(218) 849-3100
BUCKS SHORELINE & HANDYMAN	(218) 849-5159
DETROIT POWER SPORTS	(218) 234-5759
HOLIDAY INN ON THE LAKE	(218) 847-2121
JIM'S CUSTOM LAKE SERVICE	(218) 841-9584
J & K MARINE	(218) 234-9409
KUJAWA FIBERGLASS REPAIR INC	(218) 234-1173
LAKECREST RESORT	(218) 847-5459
LAKES AREA LANDSCAPING, LLC	(218) 863-7625
MCLAUGHLINS RV AND MARINE	(218) 846-9950
MOORE DOCK AND LIFT SERVICE	(218) 234-9169
MURPH'S HOME MAINTENANCE	(218) 841-6678
RAINMAN LLC	(218) 846-0680
RICK NELSON LAKE SERVICE	(218) 847-5077
RMB LABORATORIES	(218) 846-1465
ROCK & WATER CREATIONS	(218) 841-5782
R&R GROUNDS KEEPING	(218) 841-1757
SEABERG POWER SPORTS	(218) 847-9264
SERENITY BAY RESORT	(218) 847-1610
TRI-STATE DIVING	(218) 847-4868
T.S. DOCK & LIFT SERVICE	(218) 844-3033
WEBBER DOCK AND LIFT	(218) 847-2108
WILLIAM PURINGTON	(218) 847-6372
AT EASE DOCK & LIFT, INC.	(218) 334-2202
KRAUSE REPAIR	(218) 849-4085
LAKES PACE, LLC	(218) 234-4321
BEAU KIRKWOOD	(218) 234-6927
EDS MARINE AND STORAGE	(218) 532-2565
END OF THE ROAD RESORT	(218) 532-2365
LAKES MARINE AND RECREATION	(218) 238-5900
MIKE ULLMER	(218) 238-5186
N & R DOCKS & LIFTS	(218) 532-3890
SAVIGS DOCKS & CONSTRUCTION	(218) 234-9256
LANDSCAPES AND BEYOND	(218) 639-8834
DAN & KAREN MULARI	(218) 983-3315
BREEZY POINT	(218) 252-8161
BEAR PAW RESORT	(218) 732-9594
BROOKSIDE RESORT	(218) 732-4093
HALF MOON TRAIL RESORT	(218) 372-3733
TWO INLETS RESORT	(218) 699-3632
WILDERNESS BAY RESORT	(218) 732-5608
EN-OF-TRAIL RESORT	(218) 573-3791
HIGH PINES RESORT	(218) 573-3243
VERONEN'S RESORT	(218) 573-3792
WHALEYS RESORT	(218) 573-3610

2015 Public Access Watercraft Inspection Program

Lake Detroiters continues to advocate for lake protection from Aquatic Invasive Species (AIS) by professionally inspecting watercraft prior to launch. This is the best protection against new invasives becoming introduced in a lake. This is the 5th year of LDA's AIS public access program and the first year for DNR trained inspectors to deny launch if a watercraft does not meet state AIS standards. Watercraft not meeting state standards will be required to decontaminate or utilize another method (e.g. dry for up to 21 days) to bring the watercraft into compliance prior to launch.

The 2014 Watercraft Inspection Program Summary included 4,629 inspections that were conducted on Detroit Lake public accesses. That was an increase of 225% over 2013. 189 watercraft that were launching in Detroit Lake were arriving from known zebra mussel infested waters and 63% of entering watercraft had been out of water for 7 days or less. There was a 3.1% violation rate which is significantly less than the statewide average nearing 20% non-compliance rate. 41% of the inspections were fishing boats and 40% of the watercrafts were from outside MN.

Lake Detroiters partnered with Becker County who processed the checks for the watercraft inspectors and the state AIS Prevention AID funding paid for the inspection wages along with a subsidy by City of Detroit Lakes. LDA is grateful for the City and County's continued support and understanding the value in protecting our community and county lake resources.

The 2015 AIS public access program will be handled by Becker County Soil & Water Conservation District (SWCD). The new AIS Coordinator, Karl Koenig will provide public access inspectors for Detroit Lake for weekend coverage. A decontamination unit is planned to be available at the South Public Access. Please watch LDA's website and Facebook page for more updates as they become available. More information will be available at the Annual Meeting, June 27th.

It is important to maintain vigilance for any new AIS introduction in Detroit Lake. AIS not yet in Minnesota, but could be introduced, are far worse than AIS already in here. These include hydrilla, northern snakehead, Asian clam and others.

Anyone with guests arriving with watercraft that have recently been in other waters should take caution and make sure no weeds are attached and the watercraft is DRY inside and out including all nooks and crannies. Anchor ropes, live wells, etc. are where water is not easily drained. Wake board boats are the highest risk watercraft because of the ballast tanks. Extreme caution should be taken to totally drain and dry watercraft prior to launching or use 140° water for 10 seconds which kills most all AIS.

Please contact Karl Koenig at 218-849-6438 or
info@lakedetroiters.com with any questions.

Boating Safety and “Good to Know” Information

Boating in Minnesota has become part of our recreational heritage for residents and tourists. Nationally, Minnesota is known as the “Land of 10,000 Lakes”.

Here are some important points to know when operating or enjoying our MN lakes:

Licensure - All motorized and non-motorized watercraft in Minnesota must be licensed by the MN DNR. That includes stand up paddleboards, canoes, kayaks and inflatable craft. Non-motorized watercraft ten feet in length or less do not have to be permitted. **NOTE:** Watercraft licensed in another state have a 90-day in-state limitation before the watercraft is required to be licensed in Minnesota.

Life Jacket Requirements - All boats, regardless of length (including canoes, kayaks, and stand up paddleboards) are required to have a **readily accessible** US Coast Guard approved life jacket for each person on board. Throwable devices such as cushions, are no longer acceptable primary lifesaving devices. Life jackets must be worn on personal watercraft (wave runners, jet skis etc) and children under 10. Some infants are too small for any life jacket, even though the label may say 0-30 lbs. In general, babies under 6 months or 16 lbs. are too small for a life jacket to be effective.

Buoys/No Wake Zones - Buoys are placed in Detroit Lake in the swimming area of the City Beach and at the channel between Big and Little Detroit Lakes by the Becker County Sheriff Dept. “**No wake zones**” are in force at the City Beach, channel, and from the beginning of the narrows entering Deadshot Bay from Big Detroit (by Long Bridge Marina and Bar) thru passage into Deadshot Bay.

“Slow - No Wake” means operating your boat at the slowest possible speed necessary to maintain steerage, but in no case greater than five miles-per-hour.

Private markers/buoys of any type cannot be placed in the water overnight without a permit from the Becker County Sheriff.

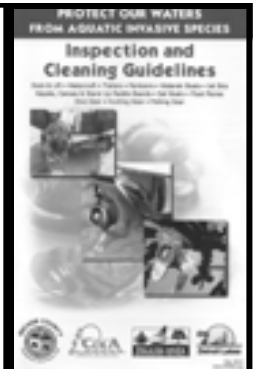
Fire Extinguishers - Some watercraft are required to have one or more fire extinguisher onboard. All personal watercraft are required to have extinguishers. **Check pg.20 2014 MN DNR Boating Guide.**

Boating While Intoxicated (BWI) - The alcohol concentration for impaired operation is .08. LDA recommends boating safety and safely.

Diver’s Flag - A red and white striped diver’s flag indicates scuba divers are diving in the area and all watercraft must remain 150 feet away from a flag.

Inspection Handbook - Every Detroit Lake Homeowner received a copy of the Inspection Handbook for the past 2 years. It outlines the recommendations to prevent the further spread of AIS. Please use it as a reference guide. Lake Detroiters thanks the Pelican River Watershed, City of Detroit Lakes and Becker County for providing this booklet. If you would like a copy please contact LDA at: info@lakedetroiters.com

Each LDA Homeowner should have received a copy of the **Inspection & Cleaning Guidelines** for boats, pontoons, personal watercraft, wake board boats and more to prevent the further spread of AIS. A copy can also be found on the Lake Detroiters website.



The items listed are only guidelines and the DNR website should be consulted for more detailed information.



How can Shoreland Landscaping Help Protect the Quality of the Lake?



Before: Fall 2012

Planting: June 2013

In 2013 the Becker Soil & Water Conservation District (SWCD) started a new program to specifically assist shoreland owners with restoration and naturalization of their shorelines. When completed these projects give back to the community by providing healthy water, improved fish and wildlife habitat and storm water management. Becker SWCD offers both technical and financial assistance to landowners who wish to voluntarily restore or protect their shorelines. Our experienced Shoreland Specialist and skilled technicians are here to provide assistance in the design, plant selection and maintenance of your site, offering complete project guidance from start to finish. Native buffers add beauty containing a variety of plants that offer an array of colors and textures throughout the seasons.

Please contact Becker SWCD at 218-846-7360 with any questions.



Bank Stabilization and Water Quality go hand in hand with improving lake quality

Native plants have dense, deep intertwined root systems that physically strengthen soil & stabilize banks from erosion. During wet periods plants remove excess moisture adding resistance to erosion or slumping. Deep rooted vegetation intercepts rain water runoff by slowing it down and filtering out much of the nutrients, soil particles and other pollutants.



Why Are Rain Gardens Beneficial?

First and foremost, rain gardens provide attractive landscaping that can turn drainage or erosion problems into beauty for your yard. But they also provide benefits to our communities, streams, and lakes in the process.

Try a Rain garden in your yard in 2015

Pelican River Watershed District Update

Tera Guetter; Administrator

www.prwd.org

218-846-0436



2015—Year of Ice Jacking! The residents of Shorewood Drive were especially hit hard with shoreline ice jacking damage. District staff will provide repair options and assist with District permit requirements.



Zebra Mussel Monitoring/Detection.

The District and Lake Detroiters are partnering to use approximate 60 “artificial substrate samplers” using small concrete blocks around the lake to detect Zebra Mussel colonization. Working together, the District and Lake Detroiters will deploy the samplers where zebra mussel introduction is most likely such as at boat ramps, marinas, near vulnerable water processing areas (pumps/intakes), and in other areas around the lake. The samplers be visually inspected on a monthly basis and will remain in the water from May—September.



Flowering Rush Research Treatments.

Mississippi State University collected biomass (vegetation/roots) samples at predetermined points in herbicide treated and untreated Flowering rush plots in June, July, and August. Flowering rush rhizome root bud densities were reduced by 96% after two treatments. The good news is average native plant species did not decline over the summer season.



Jillian Walecka, MN GreenCorps member, is assigned to the District to provide service work from Aug 2014 to Aug 2015 for shoreline restoration and storm water management activities.

Detroit Lake Overlook Area

The District, Lake Detroiters, City of Detroit Lakes, Becker Soil and Water Conservation Service, MN Conservation Corps are partnering to provide much needed plant/tree replacements, mulching, invasive weed management, and shoreline damage repairs. The project budget is \$11,000 (City of DL \$3,700; Lake Detroiters \$3,500; Pelican River Watershed District; \$3,500; Grant Conservation Corps \$3,600).



Rice Lake Wetland Restoration Project

The District and the Natural Resource Conservation Service, a federal agency, are working together to apply for additional project funding. The project purpose is to reduce phosphorus inputs to Detroit Lake, especially from May—September, by stabilizing the fluctuating summertime water levels. The photo shows an algal bloom along North Shore Drive on in late August 2014



Roadside Aquatic Plant Pickup

Each summer (late May to late September) the Pelican River Watershed District has a weekly roadside aquatic plant pick-up program around Big and Little Detroit and Deadshot Bay. Lakeshore owners should place their raked aquatic plant material from their beach and place curbside (not on the road, as it poses a safety hazard) for pick up by the PRWD. Please note: Only lake plant material will be picked up. NO leaves, tree branches, NO garbage allowed. The scheduled pick-up day varies due to weather, but usually occurs on Tuesdays.

For more information check the PRWD website www.prwd.org or call the office 218-846-0436.

Under Minnesota law, aquatic plants growing in public waters are the property of the state. Because of their value to the lake ecosystem, they may not be destroyed or transplanted unless authorized by the MN DNR.

Any control of aquatic vegetation, either native species (cattails, bulrush, coontail etc) or non-native (flowering rush, curly leaf pondweed) or the control of other aquatic nuisances (swimmer's itch) falls under the regulatory authority of the MN DNR.

Permit is required to:

- remove submerged vegetation in an area of more than 2,500 square feet **or** an area exceeding 50 feet along the shoreline or one-half the owner's total frontage, whichever is less.
- apply herbicides, algicides or other pesticides in public waters
- remove water lilies or other floating leaf vegetation in an area exceeding a 15-foot wide channel
- remove cattails, bulrush, wild rice, or other emergent plants by any means
- move a bog of any size that is free-floating or lodged in any area other than its original location
- transplant aquatic plants in public water
- Install or operate an automated plant control device such as a Crary WeedRoller.

Vegetation that is cut or pulled must be immediately and permanently removed from the water and disposed of on high ground where it will not re-enter the lake.

Any work in the bed of public waters (below the ordinary high water level), such as dredging, filling, draining, and placement of structures requires a DNR permit.

NOTE: The items listed are only guidelines and the DNR website should be consulted for more detailed information



Following AIS laws helps protect waters from invasives while protecting anglers from citations, according to Maj. Greg Salo, DNR Enforcement Division operations manager.



The law requires anglers to clean weeds and debris from their boats, remove drain plugs and keep them out while traveling, and dispose of unused bait in the trash. "The good news is, if everyone follows this simple procedure throughout the season, it's possible to prevent new infestations caused by human activity," Salo said.

The issue is so important that Gov. Mark Dayton declared the 2015 fishing opener a day for invasive species awareness. Zebra mussels, Eurasian watermilfoil and spiny waterfleas can be easily carried from one lake to another if aquatic plants or water are left on a boat or trailer. "Every angler has a stake in preventing the spread of AIS in the waters they fish and enjoy," said Ann Pierce, section manager, DNR Ecological and Water Resources Division. "We continue to develop management strategies to treat invasives, but the most important tool is prevention."

Specially marked clean-and-drain areas at public water accesses provide safe and convenient places for anglers to clean, drain and dispose. Anglers will see watercraft inspectors at some access sites. These inspectors will check to ensure anglers follow clean, drain, dispose laws and may deny access if necessary. At other landings, anglers will see volunteer educators who will provide information on what they need to do to protect Minnesota waters.

Some aquatic invasive species are small and difficult to see at the access. To remove or kill them before moving to another body of water, especially after leaving zebra mussel or spiny waterflea infested waters, the DNR recommends that anglers either:

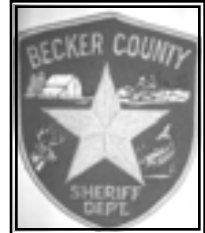
- Spray boat with high-pressure water;
- Rinse boat with hot water (120 degrees for 2 minutes, or 140 degrees for 10 seconds); or
- Dry boat and equipment for at least five days.

More information, including a 30-second public service announcement about stopping the spread of aquatic invasive species, is available at www.mndnr.gov/AIS.

Becker County Water Safety Department and 2015 Ice-Out



Becker County Boat and Water Division Sheriff Deputy, Adam Douglas, in conjunction with the City of Detroit Lakes maintains a buoy placement program for Detroit Lake. Slow-No Wake buoys are placed on Big and Little Detroit Lakes at the channel between Big Detroit and Little Detroit and along the sandbar from Cox's Point. No wake buoys will also be placed in the narrows of the Long Bridge area. Since 1972 the Becker County Sheriff Department has been placing no wake and swim buoys in the City Beach area to mark safe swimming areas. Approximately 83 buoys were placed on Detroit Lakes during the 2014 season. There are times when buoys need to be replaced due to theft or damage.



Buoy placement in the spring is dependent on staffing and weather. Traditionally channel and sandbar buoys are in place for fishing opener. The remainder buoys are placed prior to Memorial Day. The date of removal is usually the day after Labor Day, again, dependent on weather.

Please do not move or alter buoys in the lake. If there is a concern or safety risk please contact the Becker County Sheriff Department at 218-847-2661

2015 Detroit Lake Ice-Out

2015 ice-out for Detroit Lake was set as April 12th which was 150 days after freeze-up on November 13, 2014. Last winter's ice-over period (duration) was close to average of all year for which there are data, but about ten days longer than the average of the previous 15 years (2000-2014).

- Ice-out data have been recorded for Detroit Lake for 122 years (since 1893)
- For all years the average ice-out date is April 20 (in the last 15 years, the average is April 18).
- In 43% of the years of record, the average ice-out date has occurred between April 15 and April 25
- In 4 years, ice-out occurred in March; tied for the earliest was March 23, 2011
- In 15 different years, ice-out occurred in May; the latest date was May 17 in 1950; Ice-out in 2013 was May 12.
- In 2014 ice-out was April 26
- The average duration of ice-cover is 151 days, but in the last 15 years, the average duration has been 140 days (Ice-in last fall was November 13).
- The standard widely used by ice-observers here and elsewhere is that ice-out is declared when the lake is "substantially" ice-free (90% or more). Thus a lake may be considered melted even when wind-driven piles of ice remain along portions of the lake's shoreline.
- The last part of the lake to experience ice-out often is the southwest portions of Big Detroit.



Lake Detroit Bylaws and “The Lake Detroit” Directory

At the last LDA Annual Meeting (June 2014) President Halbakken Fischburg appointed a BYLAWS REVISION COMMITTEE to review and make suggestions concerning the LDA’s 1985 document. This initiative grew from member suggestions about needed updates to the 30 year-old version, especially in connection with the Association’s Mission Statement, Criteria for Membership, Voting Eligibility, and Fiscal Year.

Upon preliminary review other minor changes were deemed warranted owing to changes in communication technology and the standards for bylaws that are recommended for non-profit organizations.

In this process it quickly became clear that each change tends to precipitates minor changes in wording in other parts of the document, so it became obvious that re-writing the bylaws would be easier than amending them. Moreover, LDA’s Articles of Incorporation, also written in 1985, may also require some changes.

At present, the committee, consisting of Sue Disse, Paul Bursik, and Dick Hecock (Chair) are in the process of preparing a list of proposed changes that will be presented to the Board of Directors. Upon approval of the Board, the proposed bylaws revision, and possibly changes to the Articles of Confederation, will be forwarded to a local attorney for proper preparation.

It is hoped that this process will be completed so that any changes to our governing documents could be acted upon by the general membership at the June Annual Meeting.



For the first time since 2006 The Lake Detroit was published in 2014. The 80-page book was distributed at the Annual Meeting to those with paid memberships. The directory received rave reviews and were only available to LDA members. Members that had paid their 2014 dues, but were not at the Annual Meeting could pick up their copy at the Chamber of Commerce office. There are still some directories remaining and they will be available at the 2015 Annual Meeting, Saturday, June 27th for anyone that has not received their directory.

A 2015 Supplement of current lake homeowners will be available at the Annual Meeting.

Waterfront Committee

At last June’s Annual Meeting, acting as a result of member comments on the growing number of boaters and some aspects of the increasing size and complexity of docking systems on the lake, President Halbakken Fischburg appointed a committee consisting of Dick Hecock, Ginny Imholte, Janine Schneider, and Lois Solheim.

The committee met twice last fall. Using 2008 and 2014 data obtained from the Pelican River Watershed District, it was discovered that over this period:

- There is a significant increase in larger and more complicated docks;
- There is a shift to more elaborate lift systems (especially those with canopies).
- There is growth in watercraft numbers; especially noteworthy are the increases in pontoons and non-motorized watercraft

Consultation with City officials and review of local regulations revealed the absence of a comprehensive waterfront ordinance, and some lack of consistency in the granting of permits, especially concerning large docking systems and marinas. Existing regulations apply only to the City Beach.

Planned Unit Development docking arrangements are arranged on a case-by-case basis. Also, missing were rules governing encroachment of docking systems on neighboring properties.

It was found that many Minnesota communities have regulations that provide for orderly development of docking systems, and that at least some local officials are interested in upgrading the approach by the City of Detroit Lakes.

Unfortunately, winter travel schedules and the press of other business brought the work of the Waterfront Committee to a halt in December. The Committee will try to get back on track sooner rather than later.



Aquatic Invasive Species - Public Access Program

Lake Detroiters continues to advocate for lake protection from Aquatic Invasive Species (AIS) by professionally inspecting watercraft prior to launch. This is the best protection against new invasives becoming introduced in a lake. This is the 5th year of LDA's AIS public access program and the first year for DNR trained inspectors to deny launch if a watercraft does not meet state AIS standards. Watercraft not meeting state standards will be required to decontaminate or utilize another method (e.g. dry for up to 21 days) to bring the watercraft into compliance prior to launch.

The 2014 Watercraft Inspection Program Summary included 4,629 inspections that were conducted on Detroit Lake public accesses. That was an increase of 225% over 2013. 189 watercraft that were launching in Detroit Lake were arriving from known zebra mussel infested waters and 63% of entering watercraft had been out of water for 7 days or less. There was a 3.1% violation rate which is significantly less than the statewide average nearing 20% non-compliance rate. 41% of the inspections were fishing boats and 40% of the watercrafts were from outside MN.

Lake Detroiters partnered with Becker County who processed the checks for the watercraft inspectors and the state AIS Prevention AID funding paid for the inspection wages along with a subsidy by City of Detroit Lakes. LDA is grateful for the City and County's continued support and understanding the value in protecting our community and county lake resources.

The 2015 AIS public access program will be handled by Becker County Soil & Water Conservation District (SWCD). The new AIS Coordinator, Karl Koenig will provide public access inspectors for Detroit Lake for weekend coverage. A decontamination unit is planned to be available at the South Public Access. Please watch LDA's website and Facebook page for more updates as they become available. More information will be available at the Annual Meeting, June 27th.

It is important to maintain vigilance for any new AIS introduction in Detroit Lake. AIS not yet in Minnesota, but could be introduced, are far worse than AIS already in here. These include hydrilla, northern snakehead, Asian clam and others.

Anyone with guests arriving with watercraft that have recently been in other waters should take caution and make sure no weeds are attached and the watercraft is DRY inside and out including all nooks and crannies. Anchor ropes, live wells, etc. are where water is not easily drained. Wake board boats are the highest risk watercraft because of the ballast tanks. Extreme caution should be taken to totally drain and dry watercraft prior to launching or use 140 ° water for 10 seconds which kills most all AIS.

Please contact Karl Koenig at 218-849-6438 or info@lakedetroiters.com with any questions.



2015 Detroit Lake Zebra Mussel Early Detection Program

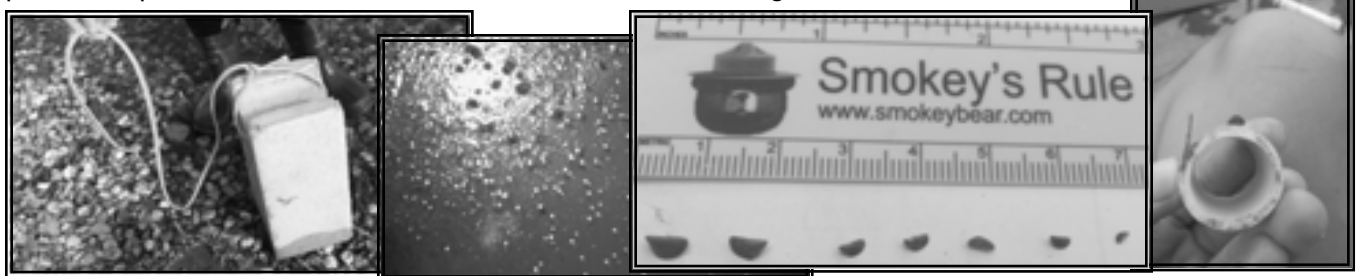
At this time there are no known zebra mussels (ZM) in Detroit Lake and let's keep it that way!

A zebra mussel sampler program will be initiated in June at 60 locations around the lake to assist in early detection. This is very important because advancements have been made to effectively treat very early stages of a zebra mussel infestation. All lake homeowners can assist by keeping a watchful eye in order to identify any infestation at an early stage in order to implement a treatment effort. This can only be accomplished by everyone's watchful eye!

Here is how the program will work: Beach Captains will be the point person to install a ZM Sampler for each neighborhood beach area. The purpose is to periodically check the ZM Samplers to see if any juvenile zebra mussels are present in these designated areas around the lake. The ZM Samplers should not be directly or regularly disturbed so that it would prevent attachment to the sampler. Each homeowner that is chosen to participate will be asked to report at designated times their findings to Lake Detroiters. More detailed information on the program will be forthcoming. The program will begin the middle of June.

Cinder blocks, smaller than what is shown in the photo below, will be distributed to Beach Captains in mid-June for placement. The smaller cinder block will be tied to a rope and attached to a dock or boat lift so that they are approximately one foot above the lake bottom. ZM's are prone to attach to cement, so this is a good way to achieve early detection.

The photos below show what a juvenile zebra mussel will look like - they are small in the early stages with no stripes or shells. If juvenile mussels are suspected, contact should be immediately be reported to our Invasive Species Specialist at the MN DNR. Mark Ranweiler at 218-616-2117 or call the local Pelican River Watershed District at 218-846-0436. If you have procedural questions contact LDA President, Barb Halbakken Fischburg at 847-9640.



Detroit Lakes Community Activity Resources

The **Detroit Lakes Regional Chamber of Commerce** would like to thank the members of Lake Detroiters for being a member of our organization!

In case you didn't know... We are a voluntary organization of over 450 regional businesses, organizations and individuals banded together to advance common interests in the area of commerce, industry, agriculture, tourism, retail, recreation, business development, and community development. The mission of the DL Chamber is "To advance a vibrant business and tourism economy through service, advocacy, networking, and innovation." We are the 25th largest Chamber of Commerce in Minnesota. Our Chamber is a 501(c)6 non-profit, funded by voluntary investments by its members and through fund raising projects. The Chamber is governed by an elected, volunteer board of directors and relies on volunteers to assist our 4-person staff.

Our Chamber also serves as the "Information Center" for the area. We are here to help residents, tourist and businesses to utilize the resources we have in our region. Please be sure to stop into our office at 700 Summit Ave, DL for maps, event information, and more. We would love to help you connect with the community and to get involved! Check out the www.VisitDetroitLakes.com website and our social media pages for a complete calendar of events, ideas on things to do and connections to the businesses in our area.

~ **Carrie Johnston; Chamber President**



Lake Detroiters, make a trip to **Detroit Mountain** – the newest playground in Detroit Lakes!

On Thanksgiving weekend 2014, Detroit Mountain Recreation Area, Inc. opened its beautiful new lodge and re-designed mountain for a winter filled with activity. The season was a tremendous success as guests enjoyed skiing, snowboarding, the Scheels terrain park, a tubing hill, cross country ski trails and more.

At the end of June, Detroit Mountain will open the incredible, professionally designed, mountain biking trails featuring flow trails, gravity fed trails, a skills park and a Strider Adventure Park for toddlers. The trails are being engineered to host all levels of mountain bike enthusiasts. Trek mountain bikes of all sizes will be available for rent. Chairlift rides will be available to the top to enjoy both the biking and beautiful hiking trails. A perfect view of the lakes makes for a perfect picnic spot!



More information about our summer activities, including our Biking/Hiking Opening Celebration in July, can be found at www.detroitmountain.com.

~ **Dr. Shellie Stowman; Marketing & Events Director 218-844-7669**



Come to the **Becker County Historical Society** to learn about the people, places, objects, and stories that make up the fabric of the Lakes Region. In the heart of 427 lakes within a 50 mile radius, the Becker County Historical Society offers a glimpse into the past and history as it is happening in the present. With exhibits that focus on Native American history, natural history, logging, pioneer settlers, schools, the 1920s and 1930s, our military veterans, and more the museum tells the story of a county rich in diverse environments and cultural experiences. With regularly changing seasonal exhibits, the museum provides local features for each season, including Memorial Day throughout the month of May, the Northwest Water Carnival in July, and Pine to Palm and WeFest in August. The museum is open Tuesday-Saturday from 10:00am-4:00pm beginning Memorial Day weekend through Labor Day weekend (Tuesday-Friday, 10:00am-4:00pm the remainder of the year) and is always free of charge.

BCHS is also kicking of a capital campaign for a new building this summer, with many exciting plans for keeping history alive for future generations. If you are interested in learning more about the project, stop in and speak to a staff member or watch for events throughout the summer months. There will also be a history feature in the Detroit Lakes Newspapers each month.

Make history a part of your visit to the lake! We can't wait to share it with you and look forward to seeing you at the Becker County Museum, 714 Summit Avenue, Detroit Lakes. ~ **Amy Degerstrom; Executive Director 218-847-2938**

Check out Detroit Lakes Community & Cultural Center - Looking for a spot to take the kids to play? Come visit The Backyard! Or do you need to jump on a treadmill, check out a fitness class, take a dip in the pool or catch a show on our Theatre stage? We have something for you! Stop in at the DLCCC and check out our day passes or short term membership options! We have something for everyone!

~ **Kim Bettcher; Marketing Director-Fitness & Aquatic 218-844-4221 x108**



CITIZEN AND TRIBAL GROUPS DISMAYED BY GOVERNMENT ACTIONS ON SANDPIPER PIPELINE

By Willis Mattison; Retired Minnesota Pollution Control Agency

Lake Detroiters is keeping an eye on the progression of potential routes for transporting crude oil thru Minnesota sensitive lake areas and wetlands. A potential route could be approved that would go near the south shores of Little and Big Detroit Lakes. Due to potential pipeline leaks this route could have serious impacts on lake water quality. Lake Detroiters is not opposing pipeline routes, just not supporting routes near sensitive water resource areas. This information provides an educational perspective that is important in understanding the issues and the BOLD segment highlights the possible Viking Pipeline route close to Detroit Lake.

Citizen and Tribal groups opposed to Enbridge's (dba North Dakota Pipeline Company LLC) preferred route (Clearbrook to Superior line on map) for the proposed Sandpiper crude oil pipeline through Minnesota's most pristine surface and groundwaters were dealt major set backs in April by several state government entities. A law judge assigned to the case and several state agencies appear to have capitulated to the pipeline company's controversial route in an important but complicated Certificate of Need phase of the state's review and permitting process for pipelines. Crude oil pipelines require both a Certificate of Need and a Routing Permit from the Minnesota Public Utilities Commission but are subjected to alternative environmental review methods rather than a full environmental impact statement required for other major industrial projects of this scale.

The Sandpiper pipeline would carry volatile shale oil extracted from the Bakken Shale formation in North Dakota and Montana to refineries in the Midwest or to seaports on the Gulf and East Coasts where the oil would be exported to foreign markets. The new Sandpiper is designed to follow an existing pipeline corridor from near Grand Forks to Clearbrook Minnesota and south past Park Rapids. From Park Rapids the proposed route swings east toward Superior Wisconsin where it would link to existing pipelines carrying the crude oil to pipeline distribution hubs in Illinois. No pipelines currently exist along this easterly leg of the new route toward Superior.

Citizen groups, Tribes and several state agencies have strongly argued for more thorough evaluation of entirely different pipeline corridors (See map). In opposing the proposed route these groups cited the history of pipeline companies for huge leaks and spills impacting surface and groundwaters in Minnesota and neighboring states. Large pipeline spills in Kalamazoo Michigan and into the Yellowstone River near Glendive Montana in recent years have heightened citizen opposition to new pipelines crossing high value natural resource areas. These routing concerns were doubled when it was revealed that the new route would actually become a new pipeline corridor in Minnesota. Enbridge's aging and leaky Line 3 carrying Canadian crude oil from Alberta is now proposed to be completely replaced and would be relocated along whatever route was approved for Sandpiper.

In April, Judge Eric Lipman, the Administrative Law Judge assigned to hear testimony in contested case hearings designed to examine both the need and some of the major re-routing proposed for the project issued what has become a highly disputed opinion. Judge Lipman concluded that none of the parties to the hearing met the test of proving that another more suitable route existed for the controversial pipeline. Having made that finding the judge concluded that only minor deviations of the company's preferred route (Clearbrook to Superior line on map) needed to be considered in the final routing process, the next phase in the complex process prescribed for pipeline review and permitting in Minnesota.

Last week, in a joint letter to the Public Utilities Commission, the Pollution Control Agency and the Department of Natural Resources Commissioner's took issue with Judge Lipman's opinion. The two state agencies argued that one minor alteration of the route south of Park Rapids (Route SA-03 Modified on map) should have been carried forward into the routing phase of the process. With the letter the two lead natural resource agencies seemed to abandon their earlier support for evaluation of major relocations of the new pipeline corridor into western Minnesota as supported by Tribes and citizen groups. **Several of these alternative routes would have followed existing natural gas pipeline corridors including the Viking Natural Gas Pipeline through Clay, Becker, Ottertail and Wadena Counties (Route SA-03). Other routes proposed by opposition groups would have followed Interstate 94 or another Enbridge natural gas pipeline even further south and west (Routes SA-04 through SA-08). All of these pipeline routes would have by-passed Enbridge pipeline hubs in Clearbrook Minnesota and Superior Wisconsin on the way to Illinois, routing features the company insisted were essential to their economic and operational needs. The citizen groups asserted that all of these more direct routes from the Bakken oil fields to pipeline hubs in Illinois would significantly reduce risks to the most pristine waters, wetlands, wild rice beds and intact forest ecosystems in Minnesota. In earlier letters entered in to the hearing record the MN DNR and MPCA had strongly supported further consideration of these pipeline corridor alternatives. So citizen groups were quite disappointed and discouraged feeling abandoned by the state agencies that had seemed to fully support their efforts for major re-routing of the pipeline.**

The Public Utilities Commission is scheduled to consider Lipman's report and all exceptions or objections to the judge's recommendations sometime in June.



Minnesota Lakes and Rivers Advocates (MLR) Mission :

"To protect Minnesota's lake and river heritage for current and future generations by forging powerful links between lakes, lake advocates and policy makers."

By Jeff Forester; Executive Director cell: 612-961-6144

Please Join the Minnesota Lakes and Rivers Team - It's the best way to protect the lake you love

These are exciting times for lake associations and lake lovers and some Lake Detroiters have played a powerful role. These active Lake Detroiters members have joined Minnesota Lakes and Rivers Advocates (MLR) and made an investment in their lake that has paid big dividends.

MLR is working to protect the lake you love. In the last few years the legislature has:

- created a \$4.5 million grant program to fund innovative AIS pilots,
- established an annual \$10 million County AIS Prevention Aid program,
- doubled fines for AIS violations,
- increased funding for low and no interest loans for septic system upgrades,
- lowered property tax pressure on shoreline, relieving market driven development pressure,
- funded a world class aquatic invasive species research facility at the University of Minnesota.



Join your friends and neighbors at \$60/year, just \$5 a month, and become a member of MLR.

The lakes and lake advocates have a new energy. A gathering of lake associations and their local government partners co-hosted by Minnesota Lakes and Rivers Advocates drew close to 400 people in St. Cloud this January - the *2015 Aquatic Invaders Summit*. Lake related issues have been in the news more than ever before.

So what is different now after so many years when little or no action was taken to protect lakes? You remember, those years when lakeshore property owners were reminded that they did not own the lake, but when there was a problem on the lake, they were handed the bill to treat for Eurasian watermilfoil, nitrogen runoff, shoreline restoration, water level damage.

Lake associations and lake home and cabin owners across the state are joining together in a horizontally and vertically integrated advocacy model with a statewide association - Minnesota Lakes and Rivers Advocates (MLR).

MLR's new advocacy strategy combines statewide grassroots with lake associations at the local level and Coalitions of Lake Associations (COLAs) at the county level... what we have come to call a vertical advocacy integration. Many state Senators and State Representatives were once County Commissioners, local board members, mayors of small communities, etc. When they get to the St. Paul, they rely heavily on their old contacts at the local level for information and election support. When this vertical advocacy is combined with statewide grassroots, lakes benefit.

MLR's electronic Citizen's Action Alert (C.A.N.) emails generate THOUSANDS of correspondence from individuals to legislators. Every legislator at the capitol knows that MLR has a broad base and engaged local community engagement. Legislators have heard the MLR message from local mayors, county commissioners, local voters and in the press. MLR has become the "go-to" organization for the MN DNR when they are working on lake related issues.

In order to continue this work, we need your financial support. The best way to protect lakes and advance lake and river issues is for every person that cares about lakes to become an active and financially supporting member of MLR.

MLR is the **ONLY** grassroots organization that:

- testified on behalf of creating the \$4.5 million AIS pilot project,
- that pushed for creation of the annual \$10 million County AIS Prevention Aid,
- that pushed for incentives for shoreline restoration or protection, worked to double the fines for AIS violations.

Minnesota Lakes and Rivers Advocates is the **ONLY** organization that is entirely focused on lake home and cabin owner's issues at the Capitol, the only statewide organization that is entirely funded by voluntary membership contributions, the **ONLY** organization that works solely for YOU.

Without your energy and financial support MLR cannot continue to advance lake issues - and there is much that needs to be done. Make the decision to join - contribute at whatever level you can afford, and take action on the action alerts we send out. Get up to the minute news and information by following us on Facebook or Twitter @JeffForesterI.

Make this investment in your lake today. What happens in St. Paul does impact you at the end of your dock. By building a better grassroots base, lake lovers will have even more impact at the legislature on lake related issues.

You can join online at www.mnlakesandrivers.org, call the office (952) 854-1317, or complete the membership form that was in your Lake Detroiters packet. If you want to speak directly with the Executive Director, please call me on my personal cell phone at 612-961-6144.

Together we will protect Minnesota's lake heritage for current and future generations - but we can't do it without you.

Understanding AIS & AIS Prevention - Good to Know Information

#1 AIS can be stopped; waterfowl do not spread zebra or quagga mussels.

The spread of AIS follows the highways not the flyways. A study completed a number of years ago dispelled the myth that waterfowl transport AIS. The MN AIS Advisory Committee also 1 dispelled this myth in their 2013 Annual report. There is no evidence or reliable research to support the idea that water in the bill of a pelican or cormorant spreads AIS. There are no known infestations discovered that are attributed to this vector.

#2 Inspections Lower the Risk of AIS Transfer.

Everyone is responsible to “do what it takes” to protect our water resources. Inconvenience does not trump being a responsible boater and state AIS laws prohibit reckless use of the State’s lakes.

#3 Minnows do not need to be thrown away between launches.

State law does not require minnows to be thrown away, but it is illegal to transport lake or river waters. Anglers can bring nonlake water for minnows and change out the water in their bait bucket before leaving the water access.

#4 Introducing a new invasive to a water way only compounds issues.

There are many other aquatic invasive species that are on their way to Minnesota that can be more devastating than zebra mussels. *Quagga mussels*, for instance, can out-compete zebra mussels for food and live at much deeper depths. *Hydrilla* is like milfoil on steroids. In addition, the impact of individual AIS becomes more complex with each invasive in a water body. Once a water body has one invasive and has become compromised, it becomes more important to keep other AIS out.

#5 Inspectors are looking for AIS, not other violations.

Inspectors are usually not law enforcement officers and they are looking for AIS only. If conservation officers or other law enforcement officers perform the inspections they will be required to deal with any violations of state law that they come across even though their primary focus will be AIS.

#6 Inspections are necessary between launches, even in non-infested waters.

Because it is impossible to know which lakes may already be infested, we must assume all water bodies may be infested. It may take 23 years after an infestation to discover a colony of mussels. Adult and juvenile mussels can live up to 30 days out of water in MN depending on temperatures and humidity, that’s why it is important to have a boat professionally decontaminated.

#7 Veligers can survive when transported by boats from lake to lake and adults can detach and move about.

Research highlights that veligers are fairly durable. Researchers found viable zebra mussel veligers even after significant overland

transport in watercraft engines and ballast tanks. Mussels also survive in commercial water intake pipes with a very high PSI. Adult and juvenile mussels can detach from a surface and reattach to boats and trailers.² Weeds with adult and juvenile mussels attached can also be caught on the trailer or boat.

#8 Decontaminating is worth the time.

On average, ballast tank decontamination with a trained decontaminator will take about 30 minutes. The outdrive (lower unit) of an engine will take about 10 minutes. Decontaminating an average boat without any tanks or live wells could take less than 30 minutes. More complicated boats can average around an hour.

#9 Mussels can damage marine engines and tanks creating costly repairs.

Marinas across Minnesota and elsewhere have reported zebra mussels growing inside engine compartments and causing damage. Engines require a lot of lake water in order for the components to cool. This water may contain microscopic veligers ½ the diameter of a human hair. As the veligers grow they have the potential to burn out an engine and tank by blocking the cool water intake. Research determined veligers can live up to 27 days in a tiny amount of water. ³ The best way to protect your engine and reduce risk of AIS transport are to lower the outdrive and drain it and then have a trained decontaminator flush the engine compartments.

Understanding AIS & AIS Prevention (con't)

#10 Decontamination is complex and should only be performed by a trained decontaminator.

Self-certification has not proven to be effective. Decontamination should only be performed by trained decontaminators who use the correct equipment and attachments, use the correct water temperatures necessary for a 100% kill, know where mussels can hide, and use correct techniques to decontaminate all types of watercraft and engine/cooling systems. Boat owners who perform decontamination on their own may inadvertently miss the targeted AIS or damage their equipment.

#11 Car washes do not have adequate equipment, power or temperatures to decontaminate.

Car washes do not reach the temperatures needed for a 100% effective kill. Car wash equipment is not sophisticated enough and does not provide the proper attachments or temperature to decontaminate for AIS. If mussels enter the car wash drain systems complications can develop and cause expensive repairs for both the car wash and municipalities. Soap will not kill quagga or zebra mussels.

#12 All Minnesotans should be concerned about AIS, not just those who swim, boat or fish.

Aquatic invasive species cost people money even if they do not use a lake for recreation. A recent study estimated that invasive species already cost the average U.S. family over \$1,000 a year in increased public expenses.⁴ Every Minnesotan has an obligation to protect our "Land of 10,000 Lakes."

#13 Invasive mussels are harmful despite making the water appear "clearer."

A single mussel can filter about a liter of water a day. They remove all the good nutrients and leave the toxins like blue green algae that can be toxic to humans and animals. When the water becomes clearer it allows more sunlight to greater depths, which produces more weed growth, significantly altering ecosystem balance.

#14 Stopping the AIS spread in Minnesota can be done; we do not have too many lakes.

Minnesota has a very valuable asset to protect – our lakes – and protecting this resource will impact anyone using lakes and rivers as well as all taxpayers. Depending on geography, demographics and local needs it may be necessary to have inspections at every access or at regional inspection areas which also have been found to be successful.

¹ Johnson & Carlton 1996.

² Korschelt 1892; Martel 1993; Ackerman et al. 1994; Mackie et al. 1991; Mackie & Schloesser 1996.

³ Wong; 2012.

⁴ Rosaen, Grover, Spencer, 2012



For 10 years, Wildlife Forever has worked with thousands of partners to stop the spread of invasive species. Creative and innovative marketing efforts have focused on the Best Management Practices (BMP) of Clean Drain Dry. By using this behavior changing message the public understands, learns and can easily follow the simple slogan.

The Clean Drain Dry Initiative uses the common denominator found in outreach education to generate behavior-changing practices in recreational users that help protect natural resources from invasive species. Unifying consistent messaging of Clean Drain Dry creates consistency and builds community engagement while using nationally approved best management practices.

Wildlife Forever is committed to stopping the spread of invasive species. We stand ready, willing and able to assist with outdoor experience and knowledge of the market, proven outreach materials and creative marketing tools, services and materials. Your support is greatly needed to continue serving communities across Minnesota. Visit www.WildlifeForever.org or www.CleanDrainDry.org.

As a non-profit organization, 94% of all donations go directly to support our mission of outreach and education.

~ Pat Conzemius; Wildlife Forever



Lake Detroiters Resources



Building Projects in the City of Detroit Lakes

Any building projects including houses, garages, additions, decks, patios, re-roofing, sidewalks or driveways require a building permit from the City of Detroit Lakes. Applications are available at the City Administration Building, 1025 Roosevelt Avenue or

online: cityweb.lakesnet.net

Residential lots in the shoreland district must meet the following regulations.

- Sideyard Setback – 10 feet
- Rear Yard Setback – 30 feet
- Setback from Ordinary High Water Mark (OHW) 75 feet
- Impervious Surface Coverage – 25 percent

Construction within 1,000 feet of the shoreline must comply with state statutes, rules, and City Ordinances.

If you have questions about a building project please contact: Larry Remmen; City of DL at 218-846-7125.



2015 Sweatshirts

LDA Sweatshirt by *Lakeshirts* will be available for \$40 at the Annual Meeting. Same fabulous fabric as last year. They will be available only at the Annual Meeting and there is a limited supply so contact a Board member or info@lakedetroiters.com to pre-order.

COLOR: Navy front zip hoodie with the LDA logo on the upper left chest and Lake Detroiters the length of the right sleeve.

SIZES: Small to 2X

Great weight for year round wear - especially for the evening boat cruise or early morning - and don't forget the evenings around the bonfire! Great gift idea too!

Sweatshirt photo on LDA website



Lake Detroiter Proud!

Detroit Lake Public Access Projects

The Big Detroit Lake South Shore access is owned and operated by the Minnesota Department of Natural Resources Division of Parks & Trails. Construction is scheduled to begin in early August to expand and update the access to more efficient and current standards. This redesign and expansion will provide better facilities at Detroit Lakes' most heavily used access. Building demolition and tree removal occurred on the site last fall. The access will remain open until construction begins. The layout will be designed to better accommodate a watercraft cleaning and staging area for Aquatic Invasive Species (AIS) and will include space for a decontamination.

On the North Shore, west of the Holiday Inn, there needs to be more land acquired before it can be developed and replace the existing access which is to the east of the Holiday Inn. Currently that access is owed by the City of Detroit Lakes but with recent land acquisitions that may change. Approximately 1.8 acres have been purchased by the Department of Natural Resources. At this time, there is no prediction on when this may be developed into a new public access.

In both cases, Lake Detroiters continues to be involved to provide valuable information in design and execution of these two projects.

Sucker Creek Preserve

"The mission of the board of Sucker Creek Preserve is to restore, preserve and maintain the native biodiversity of the Preserve for the education and enjoyment of all visitors."

117 acres of natural woods, meadow, wetlands and mineral springs is within a mile of Big Detroit Lake and ready for Lake Detroiters to enjoy! Sucker Creek Preserve land was purchased for several reasons: To conserve natural woods, prairie, clean water and biodiversity of especially beautiful land within the City limits; to offer educational opportunities to adults and children alike as they walk through; and to encourage healthy pastimes that quiet the soul and offer mild exercise.

The entire south border of Sucker Creek Preserve is the stream. That alone is thrilling enough, but how could we assure ample flowage without a source of water? Across the road from Sucker Creek Preserve are substantial numbers of mineral springs. For Big Detroit Lake to be guaranteed a source of fresh, clean aquifer water, Sucker Creek must own a source. Upstream Sucker Creek was purchased in 2013 and a \$495,000 DNR Parks and Trails grant covered much of Upstream costs.

A self-guided nature walk is afforded in both parcels with signage about history, archeology, ecology, wildlife and plant inhabitants. A true education about nature without ever going into a classroom!

Sucker Creek Preserve has 64.24 acres with the creek being its south boundary. A marshwalk over the stream displays two signs, one discussing fish and the other insects. Upstream Sucker Creek, consisting of 52.7 acres, assures the creek of healthy available water from its aquifer beneath. Trout are stocked there and, with proper licensing, persons can trout fish from the accessible path. Upstream has a picnic shelter and satellites, along with two marshwalks.

Purchase of the Preserve was funded by a DNR Natural and Scenic Area Grant for \$92,000 in 2001, and subsequently a DNR Restoration grant for \$60,000 in 2004. Local businesses and citizens have contributed well over \$200,000 to the effort. These partial owners are recognized on boards in the Preserve and are to be commended for encouraging litter to be taken out by visitors. Total cost, land and restoration, is over \$950,000.

A Friends of Greater Sucker Creek is organizing, and teachers will soon have a curriculum for annual field trips to both the Preserve and Upstream. Funds are needed to reimburse teachers and to pay for transportation costs for field trips. Checks can be made payable to SUCKER CREEK PRESERVE and sent to the City of Detroit Lakes which is serving as the fiscal agent.

**Sucker Creek is located east of Detroit Lakes on Highway 10, turn south on 290th Avenue, go 3/10 mile.
Upstream Sucker Creek: walk across 290th.**

ADD PHOTOS

City of Detroit Lakes Heartland Trail Project

The City of Detroit Lakes has placed a high priority on completion of the designated bicycle trail from Detroit Lakes to Frazee which is part of the popular Heartland Trail. Currently, it is possible to bike from the DL City Park through the Sanford Medical Center area to Oak Street and McKinley Avenue. The current path continues towards Norseman Motors on the frontage trail to the Holiday Inn, The Lodge on Lake Detroit, and the Country Inn & Suites. At that point the trail connects to a completed Highway 10 underpass. The uncompleted segment will continue along Acorn Lake, past Daggett Trucking, and continue into Frazee. A required adjustment in the design near the Burlington Northern Railroad moved that segment of the proposed Heartland Trail segment to the south side of Highway 10. The design process is ongoing with expected final design plans in place by mid-2016 and an anticipated completion by fall 2016.



The funding to complete the initial proposed segment was appropriated by the Legislature to the Minnesota DNR Parks & Trails.

Please contact Kent Skaar; DNR St. Paul kent.skaar@state.mn.us and request that the DNR place a priority on the planning and construction cycle of the Frazee to Detroit Lakes segment of the Heartland Trail to ensure a swift project completion.

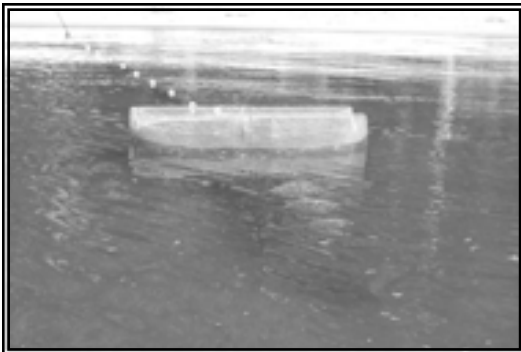
Fisheries Update from the DNR office in Detroit Lakes

Detroit Lakes DNR fisheries staff have been busy this spring with typical field work as well as some additional duties. The field season started with walleye egg take at the hatchery that began on April 10 and ended on April 24. Unfortunately, due to challenges from ice attacking our netting, cold fronts, and animals chewing holes in our net, our walleye run was not as good as past years and we were unable to gather as many eggs as we would have liked. The Walker Lake Hatchery (near Otter Tail Lake) is having a much better year and it is planned that they will cover our shortage. As usual, the walleye fry that are hatched from these eggs are stocked into area lakes for fishing or into walleye ponds for growing into fingerlings. We will come back to the walleye ponds in the fall and harvest the walleye (which are about 6 inches by then) and stock them into area lakes such as Detroit Lake, where hopefully they will make anglers happy!

Besides walleye egg-take and fry stocking, staff have also been busy evaluating the muskie population in Detroit Lake. Netting efforts began on April 16 and ended on May 4 (10 overnight sets), with a total of 85 muskies captured. This number is similar to previous years, when 108 muskies were sampled in 2003, 67 muskies in 2007, and 112 muskies in 2011. Most of the muskies sampled this year were 41 to 44 inches long but fish up to 53 inches long were also captured. All of the muskies that were captured this year were marked, and work will be done next year to resample the population in order to estimate the total number of muskies in Detroit Lake. All of this information will be used to help evaluate the stocking efforts that are ongoing in the lake, as well as muskie management across Minnesota.

Other work that we will be doing in Detroit Lake this summer will be the standard lake survey that is done every four years, which consists of gill netting and trap netting to evaluate several of the fish species in the lake. The date for this survey is tentatively scheduled for the week of August 10. Past surveys of Detroit Lake have shown stable populations of northern pike, walleye, and bluegill, while yellow perch numbers have shown an increasing trend. This standard lake survey will provide us with a snapshot of the fish populations to see if that is still the case. Look for final results from this survey in spring 2016. In the meantime, I hope everyone finds some time to go fishing!

~ Nathan Olson; Detroit Lakes DNR Fisheries



A trap net that is used during the standard lake survey. A stake is placed at the water's edge, the net is pulled out into the lake, and then anchored to the bottom. The netting acts like a curtain in the water and as fish are swimming along the shoreline, they hit the netting and follow it into the series of hoops where they are caught.



Fertilized walleye eggs in the DL hatchery



March 2015 - Lake Detroiters Association is grateful to Fargo-Moorhead Muskies, Inc. for their annual clean-up on Big Detroit. What a mess left over after hard-water angling. You help protect the water resource for everyone's enjoyment. Thank You Very Much!

Noteworthy Contact Information

Lake Related Questions: info@lakedetroiters.com

Lake Detroiters website: www.lakedetroiters.com

Lake Detroiters Facebook: Lake Detroiters

City of Detroit Lakes: www.ci.detroit-lakes.mn.us

City of Detroit Lakes Police Department 218-847-4222

Becker County www.co.becker.mn.us

Becker County Sheriff Department 218-847-2661

Minnesota Department of Natural Resources: www.dnr.state.mn.us

DNR Wetlands Resource Enforcement Officer - Joseph Stattelmann 218-847-9038

DNR Conservation Officer - Angie Warren - **218-434-0300**

DNR AIS Specialist - Mark Ranweiler 218-616-2117

Becker County AIS Coordinator: Karl Koenig - 218-849-6438 kikoeni@co.becker.mn.us

Pelican River Watershed District: www.PRWD.org or prwdinfo@arvig.net

Make this site a "favorite" for info regarding:

Flowering Rush treatment schedule

Ice damage information and permits

Water quality data on Detroit Lake

Road side aquatic plant pickup schedule

Rain garden fact sheet

Use the District's aerial map to zoom in on your neighborhood

Becker County Soil & Water Conservation District: www.co.becker.mn.us/dept/soil_water/

Detroit Lakes Regional Chamber of Commerce: www.visitdetroitlakes.com

Minnesota Lakes and Rivers Advocates (MLR): www.mnlakesandrivers.org

100th Meridian cooperation of agencies to stop AIS spread: www.100thmeridian.org

Minnesota Aquatic Invasive Species Research Center (MAISRC): www.maisrc.umn.edu

Stop Asian Carp Coalition: www.stopcarp.org

Minnesota Environmental Congress: www.mn.gov/EnvironmentalCongress

Minnesota Legislative Information: www.leg.state.mn.us



HOW to CONTACT ELECTED OFFICIALS THAT REPRESENT YOU:

US Senator Amy Klobuchar → senator.klobuchar@senate.gov DC Office: 202-224-3244

US Senator Al Franken → senator.franken@senate.gov DC Office: 202-224-5641

Governor Mark Dayton → mark.dayton@state.mn.us Governor's Residence: 651-201-3468

Senator Kent Eken (District 4) → sen.kent.eken@senate.mn St. Paul Office: 651-296-3205

Representative Paul Marquart (District 04B) → rep.paul.marquart@house.mn St. Paul Office: 651-296-6829

Becker County Commissioner Ben Grimsley (District 2) → bdgrims@co.becker.mn.us Office: 218-849-2911

Mayor Matt Brenk → mbrenk@arvig.net

City Council → <http://cityweb.lakesnet.net/government/electionsvoting/> for council members representing your neighborhood

2015 Beach Captain Roster ... Find Your Beach Neighborhood & Beach Captain

2015

LAKE DETROITERS BEACH CAPTAIN PROGRAM

The Lake Detroiters Association (LDA) Beach Captain Program continues to be an effective program to reach all lake property owners by distributing pertinent lake living information. Beach Captain work contributes to the growing LDA membership which reached its highest level in the history of the organization at over 50% of lake residents as members. The Beach Captain approach facilitates face-to-face contact between representatives of LDA and residents of the lake.

Janine Schneider (Chair) and Linda Wiedmann (Asst. Chair) are the 2015 program leaders. 61 Beach Captains are leading the 2015 efforts and will be contacting each homeowner with important information about lake living and lake water protection information.

Please contact Janine or Linda if you have a question about the Beach Captain program or do not know your Beach Neighborhood name.

janinerschneider@gmail.com
218-847-8145

Deadshot@arvig.net
701-371-6639

BEACH NAME	NEIGHBORHOOD ADDRESSES	BEACH CAPTAIN
WEST LAKE DRIVE #1	302-408 West Lake Drive	Jane Spaeth
WEST LAKE DRIVE #2	410-502 West Lake Drive	Opal Rogstad
WEST LAKE DRIVE #3	608-716 West Lake Drive	Linda Wiedmann
LEGION	918-996 West Lake Drive	Julie Herman
BOWMAN	1000-1064 West Lake Drive	Jim Langemo
VILLA LANE #1	1052 West Lake Drive	Lyle Dahl
VILLA LANE #2	1010-1085 Villa Lane/1041-1069 Highwood Circle	Janine Schneider
WEST SHORE #1	1070-1116 West Lake Drive	Char McKenzie & Kathy Mitchell
WEST SHORE #2	1135-1201 West Lake Drive	Sandra & Sonja Taves
PELICAN OUTLET	1209-1590 West Lake Drive	Janine Schneider
NODAWAY #1	1594-1648 Long Bridge Road	Barb Mollberg Clark
NODAWAY #2	1656-1736 Long Bridge Road	Cheryl Chivers
SUNSET BEACH #1	101-156 Shorewood Drive	Jody Nelson
SUNSET BEACH #2	162-210 Shorewood Drive	Betty Cook
SUNSET BEACH #3	216-268 Shorewood Drive	Ruth Olson
SUNSET BEACH #4	270-298 Shorewood Drive	Laurie Olson
CITY VIEW #1	302-500 Shorewood Drive	Carol Bergren
CITY VIEW #2	504-640 Shorewood Drive	Julie Raphael
COX'S POINT	650-720 Shorewood Drive	John Cox
WILDWOOD	724-814 Shorewood Drive	Joann Knapp
WHITE CLOVER #1	820-834 Shorewood Dr/840-858 White Clover Beach Rd	Ed Welke
WHITE CLOVER #2	864-902 White Clover Beach Road	Ed VanHall
TAYLORS POINT	1071 Shorewood Dr/2028-2053 Long Bridge Rd	Jack Chivers
DEADSHOT ESTATES	1974-1925 Long Bridge Road	Linda Wiedmann
DEADSHOT NORTH #1	13885-14315 260th Ave/14325-14351 No Deadshot Ln	Colin Gedrose
DEADSHOT NORTH #2	1849-1921 Bridgeview Blvd.	Ryan Manke
DEADSHOT SOUTH #1	433 - 446 Deadshot Circle/2111-2132 Memory Lane	Michelle Friesen
DEADSHOT SOUTH #2	2107-2186 Shady Lane/2190-2194 Sunrise Lane	Cookie Friesen
WILDERNESS	2208 - 2241 Wilderness Trail	Michelle Friesen
NASON BAY #1	400-521 South Shore Drive	Mary Green
NASON BAY #2	524-576 South Shore Drive	Connie & Bob Collins
SOUTH SHORE #1	602-664 South Shore Drive	Ginny Imholte
SOUTH SHORE #2	668-720 South Shore Drive	Ginny Imholte
SOUTH SHORE #3	726-766 South Shore Drive	Gary Ask
SOUTH SHORE #4	772-820 South Shore Drive	Lois Solheim
SUCKER CREEK #1	826-900 South Shore Drive	Mona Streyle
SUCKER CREEK #2	904-962 South Shore Drive	Nancy Henke
SUCKER CREEK #3	1000-1062 South Shore Drive	Patti Corwin
SUCKER CREEK #4	1070-1124 South Shore Drive	Rob Kost
BURRITT #1	1130-1176 South Shore Drive	Maureen Karsnia
BURRITT #2	1208-1268 South Shore Drive	Dick Alsop
BURRITT #3	1274-1336 South Shore Drive	Ron Sprafka
BURRITT #4	1342-1384 South Shore Drive	Judy Stowman
EAST SHORE #1	1836-1800 East Shore Drive	Ruth Gunderson
EAST SHORE #2	1792-1748 East Shore Drive	Carl Fingalson
EAST SHORE #3	1740-1664 East Shore Drive	Judie Cherry
OX CART #1	1658-1594 East Shore Drive	Karen Hagen
OX CART #2	1586-1536 East Shore Drive	Cheri Bergien
OX CART #3	1530-1492 East Shore Drive	Sharon Sinclair
POKEGAMA #1	1452-1342 East Shore Drive	Vicki Johnson
POKEGAMA #2	1332-1240 East Shore Drive	David Bircherm
OVERLOOK #1	1141-1067 North Shore Drive	Amy Stearns
OVERLOOK #2	1059-911 North Shore Drive	Kim Green
NORTH SHORE	907-743 North Shore Drive	Kathy Holland
BREEZY POINT #1	739-609 North Shore Drive	Dick Hecock
BREEZY POINT #2	607-501 North Shore Drive	Roxann Lindquist
PARK	421-401 North Shore Drive	Jean Benson
CITY #1	309-311 Park Lake Blvd.(1-8)	OPEN
CITY #2	315 Park Lake Blvd.	Jim Ebsen
CITY #3	321 Park Lake Blvd. (1-8)	OPEN
CITY #4	321 Park Lake Blvd. (E101-E308)	OPEN

2014 Beach Captain Roster

WEST LAKE DRIVE #1
WEST LAKE DRIVE #2
WEST LAKE DRIVE #3
LEGION
BOWMAN
VILLA LANE #1
VILLA LANE #2
WEST SHORE #1
WEST SHORE #2
PELICAN OUTLET
NODAWAY #1
NODAWAY #2
SUNSET BEACH#1
SUNSET BEACH #2
SUNSET BEACH #3
SUNSET BEACH #4
CITY VIEW #1
CITY VIEW #2
COX'S POINT
WILDWOOD
WHITE CLOVER #1
WHITE CLOVER #2
TAYLORS POINT
DEADSHOT ESTATES
DEADSHOT NORTH #1
DEADSHOT NORTH #2
DEADSHOT SOUTH #1
DEADSHOT SOUTH #2
WILDERNESS

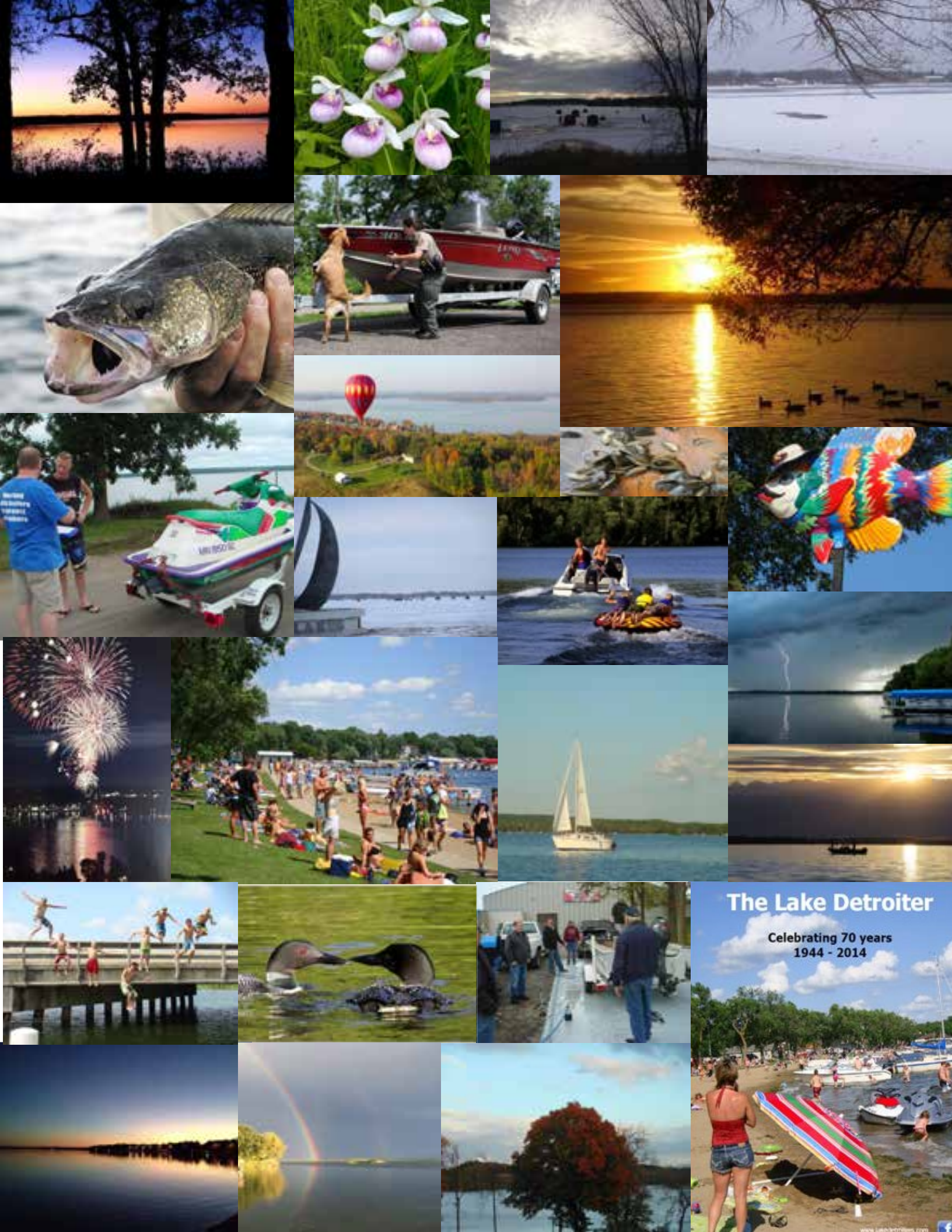
Jane Spaeth
Opal Rogstad
Linda Wiedmann
Julie Herman
Jim Langemo
Lyle Dahl
Janine Schneider
Char McKenzie & Kathy Mitchell
Sandra & Sonja Taves
Janine Schneider
Barb Mollberg Clark
Cheryl Chivers
Jody Nelson
Betty Cook
Ruth Olson
Laurie Olson
Carol Bergren
Julie Raphael
John Cox
Joann Knapp
Ed Welke
Ed VanHall
Jack Chivers
Linda Wiedmann
Colin Gedrose
Ryan Manke
Michelle Friesen
Cookie Friesen
Michelle Friesen

NASON BAY #1
NASON BAY #2
SOUTH SHORE #1
SOUTH SHORE #2
SOUTH SHORE #3
SOUTH SHORE #4
SUCKER CREEK #1
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OX CART #2
OX CART #3
POKEGAMA #1
POKEGAMA #2
OVERLOOK #1
OVERLOOK #2
NORTH SHORE
BREEZY POINT #1
BREEZY POINT #2
PARK
CITY

Mary Green
Connie & Bob Collins
Ginny Imholte
Ginny Imholte
Lee Ask
Lois Solheim
Mona Streyle
Nancy Henke
Patti Corwin
Rob Kost
Maureen Karsnia
Dick Alsop
Ron Sprafka
Judy Stowman
Ruth Gunderson
Carl Fingalson
Judie Cherry
Karen Hagen
Cheri Bergien
Sharon Sinclair
Vicki Johnson
David Bircham
Amy Stearns
Kim Green
Kathy Holland
Dick Hecock
RoxAnn Lindquist
Jean Benson
Jim Ebsen

Lake Map and Neighborhood Beaches





The Lake Detroider

Celebrating 70 years
1944 - 2014