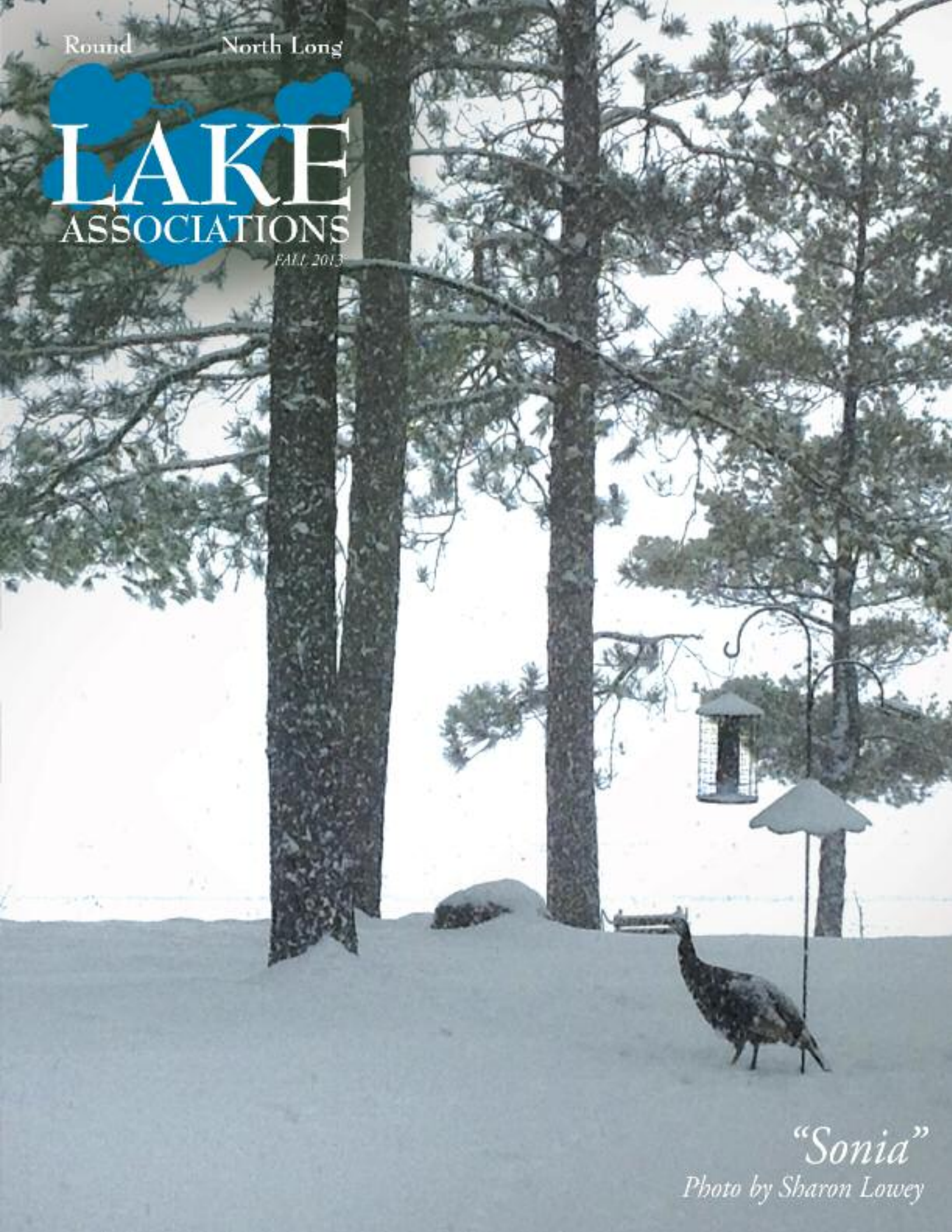


Round

North Long

LAKE ASSOCIATIONS

FALL 2013



“Sonia”

Photo by Sharon Lowey

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Presidential Message | North Long Lake



North Long Lake Association

| Kay Hondo | President |

At the time of this writing (October 16), our fall colors are at peak but the recent wind and rain has caused many of the leaves to cover the ground. Most of us have begun (or finished) putting away our summer toys, pulled docks, and “winterized” everything we need to protect. Even while knowing winter is around the corner, we can hope for some “Indian summer.” It feels like this might be a good time for a relaxing break between seasons. For the North Long Lake Association (NLLA) Board of Directors, however, there is little time to rest on our laurels. We recently mailed a letter to over 400 property owners (and friends of the lake) who haven’t yet paid 2013 dues. It is our hope and expectation that many on this list will help us match last year’s donations. At the same time that we are rushing to complete this newsletter, we must make decisions on next season’s curly leaf pondweed (CLP) treatment (please read the Curly Leaf Pondweed Update within this newsletter). Over the winter, we will continue to keep tabs on the County Rd 115 project, plus we will finish a revamp of our bylaws and a working document which will help us define our vision, mission, values, and priorities.

Our objective continues to be protection of our lake from Aquatic Invasive Species (AIS). We need funds to fight AIS as need arises. To this end, we will explore any grants that become available for next season and look for fund raising opportunities. We will again partner with the DNR and other

associations to gain knowledge and avail ourselves of any services available. For example, we hope to get a DNR grant for watercraft inspectors again next year. This year, our grant from the DNR guaranteed that the maximum we have to pay for the inspectors’ coverage (at the Merrifield and 371 boat accesses) is \$6,463 for a minimum of 834 hours of coverage. While most of the coverage was obvious during the summer months, we had inspectors at the Merrifield access as recently as this past weekend. Early this spring, when the DNR was unable to fully man the boat launches, we were able to call upon the county for their boat inspectors who were able to fill in at an additional cost to us of \$1,300. This was very helpful and appreciated. Since the cost per hour for watercraft inspectors jumped significantly, the DNR grant was particularly advantageous.

This edition of our newsletter begins the 2014 membership drive even though 2013 donations will still be coming in (see our Membership Report herein). We know there are AIS infested lakes all around us. It is important for us to continue our preventive measures but to do this, we need everyone’s help. You and your neighbors stepped up last year and provided us with donations that allowed us to pay our expenses. We need this continued dedication.

For occasional updates, please provide your email address on your dues statement. If you wish to contact us, you can send an email to: kayhondonlla@yahoo.com or click on “contact us” on our web site: www.northlonglake.com. Also, we have a Facebook account: “Our North Long Lake” where we encourage members to share information.

Thank you for your continuing support of your lake association! Have a good winter and enjoy the approaching holiday season.

North Long Lake Highway Pickup

In 1990, copying the Texas model, Minnesota initiated the Adopt-a-Highway Program asking volunteer groups to help keep our state clean by agreeing to pick up a designated two-mile stretch of highway at least twice a year. So in 1996, the North Long Lake Association was granted two, two-mile sections of highway, the old SH 25 through Merrifield and HW 371 N between mile marker 38 and 40. Now finishing up our 17th year, we’re still doing our part helping to keep Minnesota clean along HW 371 from the Brainerd International Race-

way to Co. Rd 115. We’ve decided to standardize our weekends, now set as the Saturdays after fishing opener and Labor Day.

Many NLLA members have volunteered their time and energy during the past 17 years and the mission has remained helping to keep our state, especially the roadway adjoining North Long Lake, clean. So we’d like to thank all past and present volunteers including this year’s group, Virgil and Judy Enger, Leo and Darleen Heyne, Wes Hradsky, Sandy Loney, Marty Sapletal, Kay Stanich and Del Schmidt. Hope to see you again next year.

Sincerely,
Ral and Judy DuBois



Presidential Message | Round Lake



Round Lake Association

| Mark Parrish | President |

It's mid October and the snow is falling outside my office window as I write this. Minnesota, there's never a dull moment when it comes to the weather!

After a major rebound of curly leaf pond weed in 2012, the maximum area of the lake authorized by the DNR was treated by our provider, Clarke Inc. in the spring of 2013. The total area treated was 94 acres. The end result turned out mostly favorable. Clarke was back out on the lake around the 15th of October and found a few immature plants beginning to grow. A.W. Research will do an aerial survey in November to give us a better look at what we are up against for treatment purposes next spring.

I'm sure that most of you have discovered the presence of zebra mussels attached to your dock and boat lifts by now. Board member Steve Clough attended a workshop regarding this invasive held by AW Research in October. He reported that the University of Minnesota is conducting a study and hopefully they will come up with some possible methods of control.

The board recently discussed the possibility of dredging Bishops Creek in the spring of 2014. It's been approximately six years since the last dredging and it's becoming a little difficult to navigate. The estimated cost of the project is in the neighborhood of \$30,000 and thanks to the foresight of a previous board, the money is in the bank.

In regards to the financial condition of the association, be sure to look at the financial statements. Since the establishment of the non-profit status of the association, the dues paid by members have greatly increased. The additional funding has increased the "war chest" to help cover future costly projects, such as dredging the creek.

As you are probably aware, Crow Wing County is in the process of a study to determine the future of County Road 115. Please be sure to read the update provided by the task force in this news letter. You may also go to the Crow Wing County web site to find documents relating to the study as well as future public meetings that I encourage you to attend.

As always, if you are a member of the association, thank you for your support, if you aren't a member, please consider joining. We need your active participation as well as your financial support. Please call or email one of our board members if you have any questions.

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Boat Motors and Water Quality

| By Moriyah Rufer, RMB Environmental Laboratories |

As Minnesotans, we love cruising along the lakes in our watercraft. Whether we are heading to our favorite fishing spot, waterskiing, or taking a sunset cruise, not much can top the feeling of taking in the fresh lake air.

Yet as the number of motorized boats and size of motors on Minnesota's lakes continues to increase, questions arise about the potential effects these boats have on the lake environment. In the last 20 years, there has been a 36% increase in the number of registered boats of all types in Minnesota. Moreover, the number of motorboats between 16 ft and 26 ft in length increased 118%, while the number of motorboats less than 16 feet decreased by 27%. Average horsepower went from 46.1 to 74.5 from 1987-2001 in a DNR survey of west central Minnesota. Our boats are becoming larger and faster, which increases the potential to effect water quality.

So how do boats affect water quality? The Wisconsin Department of Natural Resources (DNR) did a study on the effects of motorized watercraft on aquatic ecosystems. Boats can affect water quality in a few different aspects. First, they can add metals and chemicals to the water column. A certain amount of the fuel that enters into a motor is discharged unburned and ends up in the water. Two stroke motors can emit 25-30% of their unburned gas and oil mixture into the water. In contrast, four-stroke motors emit 97% less air and water pollution than old two-stroke motors. This pollution can affect the pH and dissolved oxygen in the lake, which can influence the type and abundance of fish and wildlife.

Another main impact by motors is churning up the lake bottom in shallow areas. This action stirs up the lake sediment, re-suspending nutrients (phosphorus) that are at the lake's bottom. When these nutrients reach the surface of the water where the algae are, they can feed algae and cause algae bloom. This stirring can also decrease the water clarity because of additional particles suspended in the water column.

So what can you do to protect your lake? 1)

Establish no-wake zones in shallow areas with waterfowl nesting and bulrush stands. "Slow no wake" means operation of a watercraft at the slowest possible speed necessary to maintain steerage, but in no case greater than 5 miles per hour. 2) Educate lake users to avoid sensitive areas and drive slowly through shallow areas. 3) Upgrade your boat motor from an old two-stroke engine to a four-stroke engine. Four-stroke engines use fuel more efficiently, produce cleaner exhaust, and run more quietly than traditional two-stroke ones.

To reduce your impact while boating, there are other easy changes in behavior we can all practice. 1) Keep your boat properly trimmed – an engine in the water makes much less noise and creates less wake. 2) Keep your engine well-tuned so that it runs more efficiently, pollutes less, and is quieter. 3) Be respectful of wildlife and loons, keeping a distance of at least 200 feet from them at all times. 4) Consider the size of your boat and motor when choosing a lake for recreation – smaller lakes are not appropriate for large boats or engines. 5) Remember that swimmers, canoeists, kayakers, sailboats, and other non-motorized users always have the right-of-way when traveling on the lake.

To read more about the Wisconsin DNR boating impact study visit: <http://dnr.wi.gov/org/water/fhp/papers/lakes.pdf>. Enjoy the lakes! This article was written as part of continuing education for the RMB Environmental Laboratories Lakes Monitoring Program (218-846-1465, lakes@rmbel.info). To learn more, visit www.rmbel.info

A photograph of the Minnesota State Capitol building, showing its iconic dome and classical architecture under a clear blue sky. The building is white with gold accents on the dome.

Expanding Organized Grassroots Base: Key to Protecting Lakes

| By Jeff Forester, Minnesota Lakes and Rivers Advocates |

Minnesota's lakes and rivers are threatened by over taxation, over development, run-off pollution, and aquatic invasive species (AIS). Lake Associations do critical, important work in these areas across the lake country.

The reality, however, is that what happens in Saint Paul has a huge impact on us at the end of our docks. To protect our lakes the work we do together at the Capitol is as important as the hours we spend at boat ramps and out on the water with a Secchi disc:

- Tax code changes can make our lake places unaffordable,
- Aquatic Invasive Species affect property values and ecology,
- Over development and storm water runoff impact our investment in our lakes,
- Inheritance tax law changes threaten the dream of passing our properties down to our children and grandchildren.

The solution to these problems is grassroots advocacy. When individuals communicate directly with their elected officials on an issue it has a huge impact. But grassroots advocacy must be focused, organized, and timely. Grassroots, in the

form of professional advocacy, is critical to legislative success.

Minnesota Lakes and Rivers Advocates, MLR, has a full time lobbyist at the Capitol, state of the art electronic communications and a solid track record of success.

Individuals are joining as members because of the value they receive and the empowerment they gain by being part of a larger, statewide group that is solely focused on lake-related issues. Together we have had remarkable success in protecting our water resources and way of life:

- Passed the Pull the Plug bill, requiring boaters to drain water before transporting watercraft.
- Doubled the funding for AIS work, sending hundreds of thousands to local governments and Lake Associations for AIS inspections.
- Doubled the fines for AIS violations.
- Created a watercraft service provider training requirement.
- Helped create and fund an AIS Research Center at the University of Minnesota.
- Cut the share seasonal property owners must pay in State General Tax from an estimated 12% to 5%, saving tens of millions of dollars.

"The lakes have never been organized and this is why lakes are like the forgotten stepchild. Lake residents are expected to staff public boat landings to educate the public on AIS. What state parks ask neighboring property owners to do the same at their access gates?" asked Jeff Forester, executive director of MLR. "It is by building the thousands of individual property owners into an organized grassroots force that we can put Minnesota's lakes at the table when policy decisions and appropriations are being made." Forester continued, "With a bigger, organized and strategic base, lakeshore owners will emerge as one of the most powerful political forces in the state. It is long overdue."

The lakes we all love deserve no less. MLR invites people and groups to visit their website at www.mnlakesandrivers.org and join. Get involved in local lake associations and your county COLA. Each plays an important role. But also consider joining MLR as an individual. It is an investment in your lake that will pay huge dividends. There is important work to be done together to preserve the Minnesota lake heritage we all love.

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New Grant Provides Small Step in State-Wide AIS Fight

| By Jeff Forester, Minnesota Lakes and Rivers Advocates |

On September 4th, the Lessard-Sams Outdoor Heritage Council (LSOHC), met in St. Paul to make recommendations to the State Legislature on how to spend a projected \$100 million available in 2014-2015 (raised by the 3/8ths cent statewide sales tax approved by voters in 2008). The Council listened to presentations from more than 50 organizations for specific on-the-ground projects.

One proposal, submitted by the Minnesota Coalition of Lake Associations (MN COLA), garnered major attention. More than 40 supporters of the proposal from around the state, some from Merrifield and Crosslake, attended. In addition, the LSLOHC received over 60 letters of support from counties and lake associations (including NLLA), representing tens of thousands of citizens from across the state.

The MN COLA proposal would dedicate about \$25 million to a Conservation Partners Program, to be administered by the Department of Natural Resources (DNR). The funds would be used so that local governments, agencies, tribes, counties, and watershed districts could buy capital improvements and establish local Aquatic Invasive Species (AIS) inspection facilities and permanent decontamination units across Minnesota. The DNR decontamination units used at present are portable, creating confusion for boaters and access inspectors alike when a contaminated boat is discovered.

Currently, the DNR Aquatic Invasive Species plan stresses personal responsibility and relies heavily on local organizations to provide volunteers, equipment, literature, and staffing. Most townships, cities, and counties (as well as lake asso-

"What we are talking about is jump starting local programs with money for the basic capital improvements required. This is not a plan to close the lakes."

ciations) lack the resources to hire staff, purchase decontamination equipment, and implement a robust inspection program. At the moment, entities that sign a delegation agreement with the DNR receive little or no state funding or resources in exchange for the liability and expense involved in partnering with the DNR to provide these services. The MN COLA proposal begins to address this gaping hole in Minnesota's AIS programs.

Joe Schneider, Vice President of MN COLA, presented the proposal to the Lessard-Sams Outdoor Heritage Council. Council members seemed to agree that AIS are a problem, but worried that the public was not ready for robust local inspection and decontamination programs, and wondered whether using

them would be successful. Given that quarantining lakes is not feasible, Schneider pointed out that local programs are the centerpiece of the DNR's current strategy and that well organized and adequately funded local efforts are the best way to maintain open access to Minnesota's lakes. "What we are talking about is jump starting local programs with money for the basic capital improvements required. This is not a plan to close the lakes. This is a plan to jump start local efforts so boaters will not be burdened with long waits, more limited access, or confusion as they try to do the right thing."

Council member Ron Schara, host of the television show MINNESOTA BOUND, invited DNR Commissioner Tom Landwehr, who was present, to comment on the grant proposal. Schara has been publicly critical of local AIS efforts and Commissioner Landwehr did not support the MN COLA proposal. Some of his skepticism derived from the number of boats in Minnesota (800,000 registered watercraft); he cited the DNR estimate that inspection of all of these boats statewide before launch would cost approximately \$500 million a year – a staggering number. In stating that he did not believe that funding local AIS programs would be a good use of Heritage funds, the commissioner left spectators wondering whether the DNR truly values the local partnerships in its own portfolio. Time ran out before the Commissioner could be questioned further.

Continued on page 29

Curly Leaf Pondweed Update



NORTH LONG LAKE

| By Willard Hartup |

Curly leaf treatment in Merrifield Bay was confined to the four-acre infestation in the northeast corner of the basin. Results were not as consistent as expected. An aerial survey was completed last November to identify growing weeds after other species had died. A visual survey was then conducted by Dan Swanson of the DNR in late May of this year in order to identify those that were pondweed. Treatment with Aquathol K in a concentration of 2 ppm was done when the water reached 56 degrees in late May. Treatment cost \$4,305 of which \$1,500 was paid by a grant from the DNR and \$1,500 from the Thirty Lakes Watershed District.

As mentioned, results were disappointing. The infestation seems to have been killed in the western portions of the section but not in the eastern ones. Large stands of the weed were noted by homeowners in June and thick mats of decaying weeds were observed in early July, killing the motor of one boater and preventing swimmers from using the area.

The Board of Directors has heard presentations from three companies this fall which are engaged in the treatment of curly leaf; advice has also been sought from Mr. Swanson. Evaluating the results for 2013 is difficult because of the unusual weather conditions prevailing in the spring. But a different method for dispersing Aquathol K may be needed in

2014. All advisers suggest continued treatment owing to the potentially disastrous consequences of doing otherwise. Successful treatment of this species is rarely defined in terms of permanent eradication. Control, however, has been established in a number of area lakes including Round Lake (see below), Lower Cullen Lake, and South Long Lake.

ROUND LAKE

| Scott Fisher |

We are going into our tenth year of treating Curly Leaf Pondweed (CLP). Our five-year Lake Improvement District (LID) plan with the county is up after 2014. In the past nine years we have spent \$131,704.00 in an effort to control the growth of CLP. Now we have a new advocacy - Zebra Mussels - which will surely challenge us. We need everyone to attend next year's annual meeting because we will have to ask the county to renew our LID and we need you to help us decide how much we are willing to spend to protect the quality of our environment.

The treatment to control CLP this year was performed on Round Lake on June 3, 2013 by Clarke Aquatic Services using the Conserve™ System. The total area treated was 91.01 acres in 16 different treatment zones at a cost of \$46,157.45. Of that amount the Round Lake Improvement District (RLID) paid \$37,056.45 with the balance being covered by a grant from the DNR in the amount of \$9,101.00. The balance in the

RLID's account at year end is about \$56,000.00 but, as you can see, the money can disappear fast.

A Post-Treatment Survey was conducted on June 19, 2013 by two Clarke Techni-

cians. The technicians Bio Based the treatment zones as well as threw a double-headed rake to visibly observe the state of the CLP.

Continued on page 22

2013 Treatment Zones



The Invasive Species are **WINNING**, You Know.

| By Tom Nelson, President, Minnesota Coalition of Lake Associations |

In early summer, the Minnesota Department of Natural Resources (DNR) announced that a boat and trailer recently used on Lake Minnetonka was found with both zebra mussels and Eurasian watermilfoil as it left Lake Bemidji. Personal responsibility did not work in this case to help stop the spread of invasive species.

The DNR news release also noted Minnesota boaters' generally dismal compliance with the relevant laws. Even more disturbing is that, in the spring, the DNR announced that three more lakes chains have been infested with zebra mussels. The list now has grown to more than 163 Minnesota lakes, extending from the metro area and central lakes to many popular destinations such as the Brainerd lakes area, as well as lakes further north in Itasca and St. Louis counties.

Some of the nastier invasive species, like zebra mussels, cause permanent ecological damage to the fish habitat. The long-term changes will harm our state's economy and our way of life. Minnesotans do not want to see degraded fish habitat, lakes bogged with thickets of weeds, beaches full of shell shards, and clogged water-supply infrastructure. Infested waters put our Minnesota heritage at risk.

It is time to rethink the current approaches to stopping the spread. They just are not working. The original strategy was to educate boaters about invasive species and hope that they would take on the matter as their personal responsibility. Education and awareness was coupled with occasional inspections and decontaminations at infested lakes. That unsuccessful model must be replaced by new approaches to stop the spread of the species now in Minnesota and new species that, unfortunately, are at our doorstep.

You can't stop new species from entering a lake when inspections take place on the way out of a lake. Minnesota needs to dramatically accelerate watercraft inspection and decontamination efforts to make sure that all boats entering our public waters are free of invasive species.



The Minnesota Coalition of Lake Associations has applied to the Lessard-Sams Outdoor Heritage Council for a grant to purchase more decontamination units and the land to locate them if necessary (see separate article). These funds would be available to local governments. Having decontamination units widely available to the public will make it easier for well-intended boaters to fulfill their personal responsibility in halting the spread.

Decontamination is effective on many types of invasive species, including zebra mussels. An owner who requests that a boat be decontaminated should never be turned away, as reportedly has happened.

So far, research efforts seem to be as spotty as personal responsibility. While stopping the Asian carp has become the top priority, the mussels have been left to claim one lake and watershed after another.

Personal responsibility is key to stopping the spread, but it isn't enough. No one has the right to infest a lake. There must be consequences to irresponsible actions. Government involvement is critical to ensure that the laws are being followed and our public waters are being protected. It is time for the Legislature, the Governor, and the DNR to take bolder action. Our future generations are counting on them to do more.

Unregulated Chemicals are Widespread in Minnesota Lakes

A wide variety of unregulated chemicals are ending up in Minnesota's lakes and rivers. The chemicals, including pharmaceuticals and personal care products, concern ecologists because many have properties that interfere with the functioning of hormones in animals and people. Previous studies have shown that these chemicals exist in streams that receive wastewater discharges. Limited sampling has revealed that these chemicals are also present in lakes, which do not typically receive wastewater. But earlier studies did not sample a sufficient number of lakes to be conclusive. More recent studies, however, provide convincing statistical evidence that unregulated chemicals are finding their way into lake water as well as rivers.

The Minnesota Pollution Control Agency (MPCA) has conducted research on 50 lakes, randomly selected across Minnesota. Water samples from each of these lakes were analyzed for 125 chemicals, including "endocrine-active compounds" (EACs), so called because they mimic or interfere with the actions of naturally occurring hormones. These chemicals can have adverse effects on aquatic ecosystems and fish.

Results of the lakes study showed commonly used chemicals widely distributed in Minnesota lakes. The insect repellent DEET was found in 76% of the lakes sampled, making it the most frequently detected compound. Chemicals not previously discovered — including cocaine, the antidepressant amitriptyline, and the veterinary antibiotic carbadox— also were often detected in the lakes.

The detection of cocaine was unexpected, one for which the MPCA couldn't account except that other studies have shown it can attach to fine particles and might be transported long distances through the atmosphere. Many of the chemicals were detected at very small concentrations, in the low parts per trillion (ppt). Such levels, however, concern authorities because EACs have the potential to adversely affect fish and other aquatic organisms even at extremely low levels. One ppt is roughly equivalent to one drop in a pool of water covering the area of a football field 43 feet deep.

The MPCA plans to continue testing surface waters in both lakes and rivers on a rotating five-year basis in order to identify any trends that may be occurring. Possibility of drainage of unregulated chemicals into densely populated lakes like Round and North Long Lake are extremely high, making the planned rotation excellent public policy.

Contact:
Ralph Pribble, 651-752-2657



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2013 Water Quality

North Long Lake

| By Joe Laudenbach |

The North Long Lake Citizen Lake Monitoring Program continued this year with the help of volunteers Deb Johnson, Jim Cook, and Joe Laudenbach. We had a later than usual start this year with water sampling because of the late ice out. The first samples were obtained on June 16th and the last were obtained on September 15th. A total of eight samples were obtained, four in the west basin (371 Bay) and four in the main basin. Owing to some miscommunication, sampling was not done in the Merrifield Bay this summer and this will be corrected next year. RMB Laboratories conducted the analysis and provided the data displayed in the accompanying table along with the 2012 results and the historical data.

One of the three measures we look at in determining water quality is total phosphorus. There are several sources of phosphorus including runoff from fertilized lawns and cropland, septic systems, and drained wetlands. Increasing phosphorus levels indicate decreasing water quality. Test results this year indicate the 371 Bay water phosphorus levels are increasing while the Main Bay are decreasing.

The second water quality indicator is Total Chlorophyll-a, which is the pigment that makes plant and algae the color green. The chlorophyll-a test results for the West Basin increased again this year, measuring 7.5 vs. 5.1, the historical average. Meanwhile, chlorophyll-a in the Main Basin decreased considerably compared to last year's results and compared to the historical average.

Transparency data, also known as Secchi Depth, is the third indicator used to determine water quality. The Main Basin

showed transparency improvement this year while the 371 Bay transparencies decreased considerably. The transparency can vary throughout the year due to many changes including wind, weather and precipitation.

The Mean Trophic State Index (TSI) is a standardized measure arrived at by combining Total Phosphorus, Chlorophyll-a and Transparency measures. The TSI for the West Basin increased to 48.3 from 45.6 last year and is over 5 points higher than the historical average. The main Basin TSI for 2013 dropped below the historical average of 43 to 41.8.

A minimum of 8 -10 years of data with 4 or more readings per year is recommended to determine long term trends. Currently, the NLLA has seven years of comparable data compiled so there is not quite enough to determine long term trends. That being said, short term trend analysis of the West Basin indicates decreasing water quality while the Main Basin shows no significant trend. Each basin has its own unique environmental characteristics and it is not abnormal to see different water quality results. Whether the decreases in water quality in the West Basin are meaningful requires further testing over the next several years. New water testers were used this year and windy weather conditions occurred twice when West Basin samples were taken. Since several conditions were different this year, it is impossible to tell whether the data represent a "bump in the road" or whether this bump is the beginning of a "new normal."

Your association members will continue the water quality monitoring program in conjunction with RMB Laboratories. If anyone from our association would like to learn more about water sampling and perhaps would like to volunteer to take samples, please let us know. We could use your help.

Water Quality Indicators for North Long Lake

Indicator	Historical Mean		2012		2013	
	West Bay	Main Bay	West Bay	Main Bay	West Bay	Main Bay
Mean Total Phosphorus	15.5	15	18.25	16.4	23	13.3
Mean Total Chlorophyll-a	5.1	5	5.25	7.6	7.5	3.5
Mean Secchi Feet (Transparency)	12.1	12.7	9	10.1	7	12
Mean Trophic State Index	43.2	43	45.5	46	48.3	41.8

Data Courtesy of RMB Laboratories

* Historic data consist of averages over more than 30 years, with sampling more frequent and consistent over the past 15 years than before.

Round Lake | By Al Cibuzar |

The following are test results taken in 2007 through 2013:

Figure 1

The figure indicates that the various trophic indexes (phosphorous, chlorophyll, and secchi readings) have historically been within or close to the Mesotrophic Range, the range most common in water bodies in the Brainerd Lakes Area. Unexplained exceptions were unusually low phosphorous readings in early 2009 and unusually high ones in late 2011.

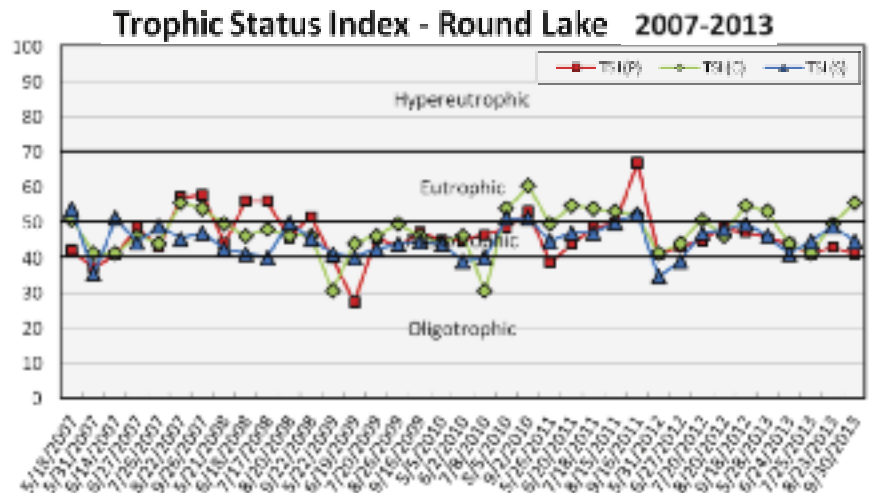
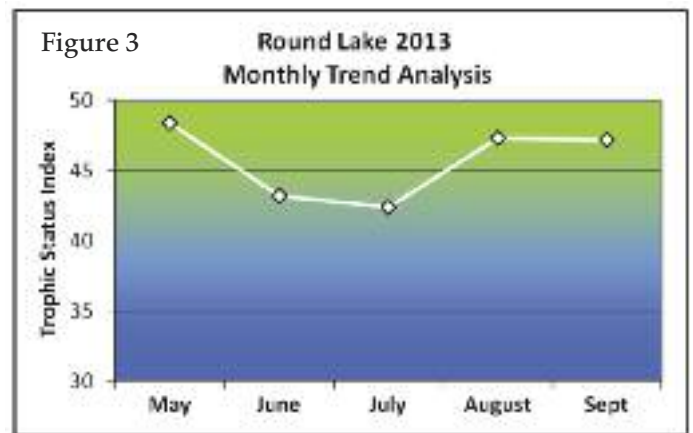
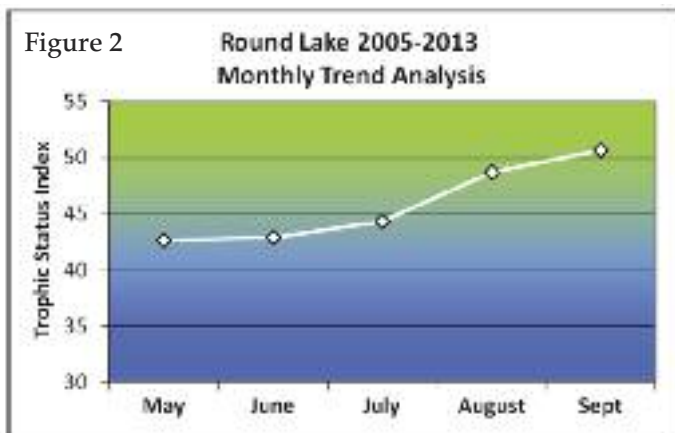


Table 1

	TP ppb	Chla ppb	Secchi ft	TSI P	TSI Chla	TSI S	TSI Avg
Historic Avg	22.47	6.97	10.24	47.52	47.56	44.12	44.30
2013 Avg	15.00	7.40	9.30	43.06	48.86	45.22	45.71

The average phosphorus readings in 2013 were lower than historic averages. The chlorophyll(a) was slightly higher and the secchi disk correspondingly slightly lower. The slightly lower phosphorus in 2013 is most probably due to the removal of sediments from the nutrient traps in the Sugar Bush wetland during the winter of 2013.

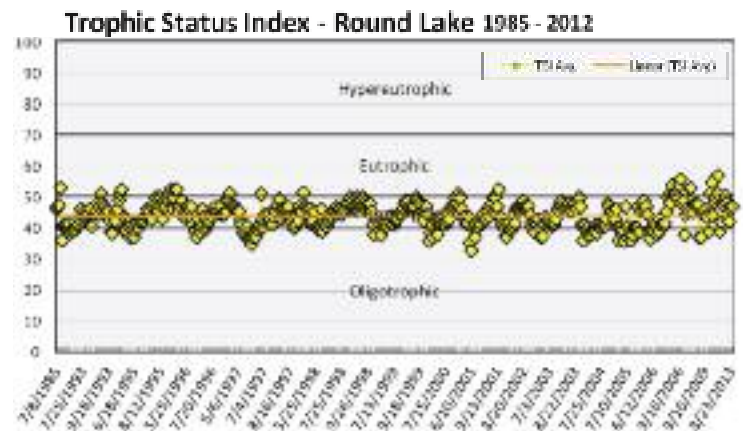


The monthly trend analysis reveals the nutrient loading from the late May thaw followed by an increase due mainly to the TSI increase from septic systems input during the summer.

Figure 4

The overall trend line using the Trophic State Index average (the yellow line in the center of the Figure 4 graph remains fairly stable showing, again, that the lake remains in the mesotrophic range.

The invasion of zebra mussels into Round Lake is anticipated to have an affect on water quality. It is being recommended that a winter sampling be done this winter. This will allow us to compare any change in water quality by measuring the changes in the water column at every ten feet and compare these values to historic readings.





The Path to the Lake

| By Judy DuBois, U of M Extension Master Gardener, Crow Wing County |

In the book *"America's Famous and Historic Trees,"* by Jeffrey G. Meyer is this statement: "Every tree gives something back, but perhaps none as much as the Sugar Maple!" A grove of sugar maples tapped for the production of maple syrup is referred to as a "sugar bush."

Did you know that the area from Highway 371 to the creek and all the land between Round Lake (to the north) and North Long Lake (to the south) is known as Mahlum's Sugar Bush? In some old NLLA papers my husband came across a little brochure with some history of this area. It was written by Jim Alderman on the occasion of the Mahlum and Alderman families celebrating a century of owning lake property here.

Anton Mahlum purchased the land from the heirs of Ignatius Hole in the Day, daughter to Chief Hole in the Day II, in 1899. The Ojibwe chiefs Hole in the Day I and II held council, along with earlier chiefs, in the "sugar bush" and special trees were designated as "council trees." (None of these has been identified in recent times.) During the 1800s, Chippewa Indian tribes had also traveled the land between Round and North Long Lake to collect sap and make maple syrup. The area was first known as the "Hole in the Day Sugar Bush" and later became known as "Mahlum's Sugar Bush."

North American Indians shared the sweet secrets of the "sugar bush" with early Jesuits and later colonists. But...how did these indigenous people learn about these secrets themselves?

When the first explorers arrived in the New World, they found Native Americans managing maple groves, tapping the trees, gathering the sap, and consuming syrup and sugar. While there are no authenticated accounts of how they discovered the process, there are many legends. One of the most popular relates how a Chief took his tomahawk from a tree where he had thrown it the night before. As the day grew warmer, sap began to drip. His wife noticed the liquid and tasted it. She realized it had a sweet essence so she added some to her cooking pot. The heat reduced the liquid to a more syrup-like consistency. Her husband was impressed! He called it "Sinzibuckwud," the Algonquin word meaning "drawn from trees." Native Americans often still use this word when referring to maple syrup.

Most maple syrup is made from the sap of the sugar maple tree, or "*Acer saccharum*". You might also hear it referred to as a hard maple, sweet maple or sugar tree. It is actually one or four species of maple in Minnesota used to produce syrup. These others are lower in sugar content so you'd need twice as much sap to yield the same amount of syrup as the sugar maple. As it is, the sugar maple sap has an average sugar content of only two percent. To get a gallon of syrup, you need to boil down forty gallons of sap! It is however an effort well worth the time involved for this springtime delicacy. To learn more about the actual process, go to www.extension.umn.edu and type in the search box "Minnesota Maple Series."

Continued on page 17

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The Shifting Mandala

| By Anna Hitchcock |

Racing through our school lobby on the way to recess, my sixth-grade classmates and I stopped short. Usually, we would barrel onto the street for our 20 minutes of sunlight, but a Buddhist monk dressed in brilliant saffron robes caught our attention. He was creating a mandala. In this ancient art form developed by Tibetan Buddhist monks, millions of grains of multicolored sand are painstakingly poured into complex patterns. After hours of work, the sand painting is only one square meter yet symbolically portrays our entire universe in its shifting complexities.

Three years later, I began an internship in the New York City Department of Parks and Recreation, measuring the diameter of trees as part of a study on the effects that invasive plant species – threatening ones—have on forest health. Tough and resistant, invasive plants spread easily and suppress native species. Now numbering about 1,000 species in the United States, they are estimated to be taking over public lands at 4,600 acres a day, according to the Plant Conservation Alliance, a public-private partnership created to protect native plants... Through my internship I found myself part of an ecological mandala, each tree akin to a grain of colored sand.

The biologist David G. Haskell of Sewanee, the University of the South, recently applied the concept of a mandala to his study of a Tennessee forest. He observed a single square meter of forest floor many times each week for a year, noticing intri-

cacies in the way that nature's systems overlapped. In his book, "The Forest Unseen: A Year's Watch in Nature," he notes how larger birds like woodpeckers and titmice will join a flock of chickadees in winter. More birds means more eyes to keep watch for hawks. By opening his mind to the lessons of the mandala, Mr. Haskell developed a scientific technique that enabled him to examine closely, yet see broadly, the forest that surrounded him.

At the end of a mandala's creating, its grains of sand are poured into running water to demonstrate the ephemeral nature of life. In this way, not only can a mandala teach the concept of interconnectedness – how you can understand an entire forest by studying a square meter of ground—but it also can serve as an example of impermanence. At the heart of impermanence is change, sometimes in forms that we don't expect.

In our intensifying battle against invasive species, some still advocate ridding our country of these plants. The threat is serious, but the true impact of invasive species is not yet known and total warfare in this arena has proved in the past to be a costly mistake.

Just as the sands of a mandala shift, distorting the once perfect pattern, plant

species will drift across nations, swept across oceans by the wind, dropped onto the soil by a bird, or carried by our own movements. In our enthusiasm for preserving native plants, we sometimes forget that movement is inevitable on this planet, so total eradication of invasive species is impossible.

A study led by Dov Sax of Brown University and Steven D. Gaines of the University of California, Santa Barbara, found that amid competition from invasives, biodiversity can actually increase in two centuries. Another study led by the biologist Tiffany Knight of Washington University, St. Louis has shown that invasives may jeopardize the diversity of a plant community on a small scale, but less so on a larger scale. We know enough about invasives to take only cautious steps, not leaping bounds, toward fighting them.

As we strive to protect native plants, we should remember that seemingly simple actions can have consequences we don't foresee.

Continued on page 22



Q&A

Note.—Readers are urged to send questions for the Spring issue. The editors will attempt to find the answers!

for Round Lake/North Long Lake Homeowners

Q. Why did the cost of a fishing license go up this year?

A. The cost of fishing licenses were increased this year for the first time in 12 years to cover raised costs of staff, field offices, vehicles, and other infrastructure covered mostly by the Game and Fish Fund of the DNR. The bill supporting this increase was approved with bi-partisan support in the legislature and was signed by Governor Dayton.

Q. What lake expenditures are authorized to be made from Legacy Amendment funds (special sales tax for the environment and cultural legacy of the state)?

A. Legacy Amendment funds were never intended to pay for core fish, wildlife, and enforcement operations – which are supposed to be supported by the DNR. The Minnesota Legislature has specifically stated that Legacy funds are not to be used for these purposes. Questions have been raised, however, about whether these restrictions apply to *fish habitat, i.e., the waters of lakes and rivers*. Although disagreements on this point exist among members of the Lessard-Sams Outdoor Heritage Council (see separate article), many now believe that it is legitimate to use these funds for combatting aquatic invasive species and other conditions that threaten the piscine habitat.

Q. Are proceeds from the Minnesota State Lottery available for improvement of the lake environment?

A. A share of deposits from this source is added regularly to the Environment and Natural Resources Trust Fund. Lottery monies may not be used to support the DNR directly but special projects are recommended to the Legislature by the Legislative-Citizen Commission on Minnesota Resources. These projects may be funded jointly by the DNR and the Trust Fund but not always.

Q. Who represents us in the Minnesota State Legislature?

A. Round Lake and North Long Lake both lie in the same legislative districts: Senate District 10 and House District 10A. Our current senator is Carrie Ruud (Breezy Point, tel. 651-296-4913, e-mail sen.carrie.ruud@senate.mn). Senator Ruud is a former mayor of Breezy Point and was re-elected to the Senate in 2012 to represent District 10 after a hiatus of 6 years. Our current representative in the house is John Ward (Baxter, tel. 651-296-4333, e-mail rep.john.ward@house.mn). He holds two degrees from the University of Minnesota Duluth and is in insurance and education. He represents District 10A. Mail reaches both legislators at the State Office Building in St. Paul.

Q. Who represents us on the Crow Wing County Board of Commissioners?

A. Round Lake is mostly represented by Paul M. Thiede (Pequot Lakes, tel. 218-568-5774), Commissioner for District 2, which includes Nisswa, but he also represents North Long Lake homeowners along Ojibwe Road. North Long Lake is mostly represented by Rosemary Franzen (Baxter, tel. 218-829-8021), Commissioner for District 4, and she also represents a small tract on Round Lake as well as precincts in Brainerd and Baxter.

Q. What is the status of Sugar Bush Creek?

A. Sugar Bush Creek now runs at something approaching its natural manner. Dams illegally thrown-up by homeowners to keep more water in North Long Lake have been removed. A long-standing weir at the head of the creek has also been removed.

Continued from page 14

Path to the Lake

But sweet syrup in springtime isn't all that this beautiful native to our area gives us. They grow fifty to sixty feet in a sunny location with moist soil and good drainage. When given plenty of room, they grow up sturdy and can live for cen-

turies. In the summer their canopy provides a cool respite during a hot day. Autumn allows them to show off a little before their winter's nap with a spectacular blaze of color — yellow, orange, red, and crimson. A woodworker would remind us that maple is a wonderful hardwood for countertops, cutting boards, beautiful furniture pieces, and other projects.

We have a maple just on the northwest side of our vegetable garden that was topped in a storm several years ago. The trunk that is still standing is like Swiss cheese it has so many woodpecker holes in it! A few branches below the break still produce leaves. Poor little thing gets laughed at but — we love it! It proves the tenacity of the sugar maple!

CR 115 (Ojibwa/Nashway) Improvement Project

| By Richard Sobiech – RLIA Task Force Member |



This ← **YOU DECIDE** → Or This

Since the Spring newsletter, when the Crow Wing County Engineer provided an overview of a process for a proposed improvement project on CR 115 (Ojibwa/Nashway), the county staff and task force members have been currently working to determine what components should be included in a future CR 115 improvement project. This process, referred to as scoping/planning/alternative development, includes an active effort to solicit input from many sources including residents and other users of CR 115. Elected officials, representatives from regulatory agencies, and other public stakeholders have also been invited to participate.

The end result of the scoping/planning/alternative development process will be a report called the Decision Scoping Document. This product is intended to capture all of the potential challenges and define a project Purpose and Need. It is also intended to document the decision making process and analysis required to refine a very broad range of existing alternatives down to those that meet the project's purpose.

All the gathered information and public input will be used to help better define the many challenges that a CR 115 project will face. In April 2013, the task force made up of several key project stakeholders was organized. This committee includes representatives designated by each lake association and other stakeholders that can provide constructive input and disseminate information to others with interest in this project. The task force first met on May 9, 2013, and has met five times since then.

An open house was held last June. In addition to the open house, a survey was distributed to all stakeholders. The open house, together with the survey results, introduced the public to the scoping process; gathered input on user's needs; collected information on existing problems not identified yet; and, answered any questions. This information was used by the county staff and task force members to develop the Purpose and Need.

A project website was created for the CR 115 scoping process and contains all documents regarding this project. It is intended to be the primary means by which project documents and other information is disseminated for this process. Please visit:

<http://www.crowwing.uslindex.aspx?NID=696>.

The county staff determined the alternative typical roadway sections which were presented at a 2nd open house held on October 24, 2013. At the open house, the County Engineer, Tim Bray, reviewed the process for the project explaining that there seemed to be some misunderstanding regarding the progress and process of the project. He presented a Project Development graphic, also placed on the website, which indicated that the purpose of the 2nd open house and 2nd survey was to narrow down the number of alternatives for more detailed study in the next phase. This next phase would be the Environmental Review Process which analyzes the more in depth impacts of the alternatives that survived the scoping process. It may be determined that some of the alternatives that survive the scoping process will not be acceptable after the in-depth investigation.

Further, while the project schedule initially indicated a Final Decision Scoping Document by January 2014, it became apparent that due to the challenges associated with the project no specific timetable has been established. The process will take whatever time is necessary to address all the issues. It was also pointed out that the project is not listed on the county's current 5-year Highway Improvement Plan for funding.

At the 2nd open house, keeping in mind the existing road section has 11' driving lanes, alternative typical roadway sections that were selected by the county as satisfying the purpose and need, and were displayed in layout views, included the following (to visualize and understand the "clear zone," "clear area," "laydown curb and gutter" and "barrier curb and gutter" terms, refer to the alternative notes and sketches on the website):

1. Alternative Revised A - Rural Design with shoulders and ditches resulting in a total minimum cleared area of 42'. (Eligible for State and Federal money if variance for 11' lanes is approved).
2. Alternative J - Urban Design with D412 laydown curb and gutter resulting in a total minimum cleared area of 42'.
3. Alternative L - Urban Design with D424 laydown curb and gutter and separated trail resulting in a total minimum cleared area of 46.5'.

Additional alternative typical road sections determined to satisfy the purpose and need presented at the open house, but not displayed in layout views, included the following:

1. Alternative A - Rural Natural Preservation Route Type III Design with shoulders and ditches resulting in a total minimum cleared area of 44'.
2. Alternative B - Urban Natural Preservation Route Type III Design with D412 laydown curb and gutter resulting in a total minimum cleared area of 44'.
3. Alternative D - Urban Design with D412 laydown curb and gutter resulting in a total minimum cleared area of 44'.
4. Alternative I - Urban Design with B624 barrier curb and gutter resulting in a total minimum cleared area of 35'.
5. Alternative K - Urban Design with B624 barrier curb and gutter and separated trail resulting in a total minimum cleared area of 40'.
6. Alternative Modified I - Urban Design with B624 barrier curb and gutter resulting in a total minimum cleared area of 33'.

Alternative typical roadway sections determined not to satisfy the purpose and need but were presented and/or discussed at the open house and were rejected outright by the county engineer included the following:

1. "Mill and Overlay" - mill existing surface to remove irregularities, correct any roadway base/sub-grade and drainage problems, and overlay the entire roadway with new pavement. The Mill and Overlay was not included on the survey for resident consideration.
2. "Do nothing" Alternative - keep the road as it is with annual maintenance to attend to pot holes and other repairs. The "Do Nothing" Alternative was included on the survey for resident consideration.
3. With reference to the website, Alternatives Modified A, C, E, F, G, H and Modified J were also rejected.

After review of the project process and presentation of the alternative roadway sections by county staff, comments made by residents in attendance at the two sessions of the open house included, but were not limited to, the following:

1. Since experience on the existing road has shown it to be safe (only eight reported accidents over the past six years) why does the county want to widen the road with shoulders to make it safer? A wider road will result in increased vehicle speeds making the new road less safe. The county staff emphasized that while there has not been a history of accidents, they need to plan for pedestrian and bicyclists use of the road.
2. Pedestrians and bicyclists should use the Paul Bunyan Trail which is close by.
3. CR 115 is a roadway through a residential neighborhood, and the new road should reflect that.
4. The alternatives presented, with the wider roadway sections and clear areas, will encourage more vehicular traffic.
5. A wider road section with shoulders and proposed clear area will ruin the scenic beauty of the existing roadway.
6. Why can't we just provide a "mill and overlay"? The mill and overlay is not a permanent solution and will require revisiting the project again in a short time.
7. The alternatives presented do not maintain the scenic beauty of the roadway, let's proceed with the "mill and overlay" or "no built" alternatives.

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CR 1115 Improvement Project

8. If the county plans to center the roadway in the existing right-of-way it will result in additional cleared area.
9. General construction activity and any utility relocation will increase the amount of cleared area.

In addition to the 2nd open house, a 2nd stakeholder survey was made available and discussed at the open house, placed on the website and mailed to each user of CR 115.

Each of the alternatives presented that were determined to satisfy the purpose

and need has a potential impact on the amounts of clearing and right-of-way acquisition along the roadway.

It is extremely important that each property owner understands the impact of the various alternatives on their property (visit the website if unable to attend the open house). Review each of the alternatives, identify and evaluate any potential impact related to possible right-of-way acquisition, structures, retention ponds, trees, possible utility relocations, planning and zoning issues (i.e. possible reduction of impervious area), and the preservation of the scenic beauty of the corridor. etc. As you complete the survey, keep in mind that at this stage of the process, there are no specific details for the various alternatives. In order for the county and task force members to get a good understanding of the road section

preferences of all residents, it is very important that you don't assume something that may not be factual. If you have any questions, or don't quite understand what potential impacts may exist, contact the county project engineer, Luke Wehseler (218-824-1110), who will be glad to help. Also, make sure you complete the 2nd survey and forward any comments or concerns to the county. The deadline for submitting the 2nd survey and comments to the county is December 2, 2013.

The results of the public comments received from the 2nd open house and the 2nd survey will be used to help the county staff and task force members determine which alternatives to move forward with in this scoping process. This information will be placed on the website and shared with all the stakeholders, and used to guide future decisions on CR 115.



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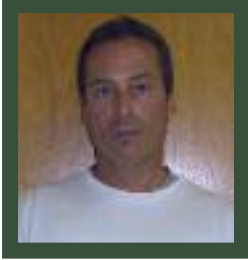
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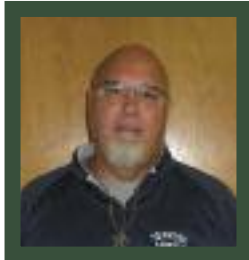
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Introducing New Board Members



BRET STRANGE
NORTH LONG LAKE

Bret Strange is a Brainerd native who has lived on the lake since 2002. He attended Saint Cloud State University and is a former elementary school teacher turned entrepreneur. He was appointed to the Board in the spring of 2013 to fill an unexpired term and is very interested in helping maintain the quality of our beautiful lake.



JOHN GORDON
NORTH LONG LAKE

John Gordon and his wife, Kristi, are owners of the Train Bell Resort, having purchased it in 2013. John has spent the last 30 years in the entertainment, sports, and facilities industries. He attended Grace Land University on a football scholarship, graduating with two degrees, and also earned a Master's degree in Special Education at Fresno State University. John and Kristi are lakeshore owners in northern Minnesota and know the value of strong and active lake associations. He wants to assist in preservation and enhancement of the lake.



GREG DAVIS
NORTH LONG LAKE

Greg Davis and his wife, Jody, have lived in the northwest corner of the Big Lake since 2009 with their four children. Greg and Jody grew up in Grand Meadow, MN in the southeastern part of the state, and both attended Winona State University. Greg completed his medical training at the University of Iowa and they lived and worked in Iowa City for 12 years. He is a pulmonary and critical care physician who practices at St. Joseph's Hospital and Essentia Health Brainerd Clinic. Jody and Greg spent part of their honeymoon in Brainerd many years ago and have retained a special fondness for the area. "We feel very blessed to live in such a great spot and on a truly fantastic lake!"



PAT HEINEN
ROUND LAKE

Pat Heinen and her husband Nick bought their Round Lake lot back in 1989 and moved into their newly built home in 1990; they have enjoyed spending time on the lake and around the Nisswa area ever since. Pat and Nick are realtors with Edina Realty and have been business partners for over 30 years. They have been married for 43 years and have 2 sons, Chad and Cory, a daughter-in-law Nichole, and a grand-puppy named Izzy. They feel extremely lucky to live and work in an area as beautiful as Nisswa and the Brainerd Lakes area. When they're not working they enjoy cruising around the lake in the summer and traveling in the winter!

Continued from page 16

The Shifting Mandala

As we were walking through Van Cortlandt Park this summer, my mentor told me of a nearby field, invaded by plants like multiflora rose, bush honeysuckles, porcelain-berry, and Japanese honeysuckle.

It had recently been sprayed. However, beneath a layer of seemingly hostile plants, native flora like Solomon's seal, false Solomon's seal, and other herbaceous forest perennials had been thriving. These, too, could have been harmed by the spraying.

William Blake, in his poem "Auguries of Innocence," observed that we can "see a world in a grain of sand." But sometimes we also need to step back and take a

broader perspective. The mandala helped me pull back from the rough bark of a single tree and see the big picture. As I continue to do research, I will keep in mind that the mandala's shifting and colorful sands can help us put ecology's complex issues in perspective.

Note.—Miss Hitchcock is a senior at the Dalton School in New York. Reprinted, with permission, from the *New York Times*.

Continued from page 5

Curlyleaf Pondweed Update - Round Lake

The technicians noted all the CLP in the treatment zones were either dead or dying and lying on the bottom of the lake. The CLP outside the treatment zone was vibrant especially near highway 371 and was topped out. They also noted that the native vegetation was growing abundantly in the treatment areas. A Fall Survey was conducted on October 20, 2013 and multiple locations of CLP were confirmed with immature growth of the

plant. A spring survey will be needed to verify all weed bed locations and areas that will need to be treated.

I had two reports this year, one from the NE part of the lake that said the current treatment was the best ever. No weeds on shore all summer. The other report was from the east side of the point on the north side of the lake. They said the CLP had spread in closer to shore and we need to get in closer. Please contact a board member with your comments; tell us how we're doing. We want to hear from you so we can adjust our treatment plans for next year.



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NEWS & NOTES

North Long Lake



North Long Lake Board

Seated, l. to r.:
Willard Hartup,
Kay Hondo,
Bill Schmidt,
Deb Johnson

Standing, l. to r.:
Joe Laudenbach,
Doug Hohman,
Bret Strange,
Sandy Loney,
John Gordon

Not pictured:
Jim Cook,
Greg Davis,
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North Long Lake

2013 Annual Picnic and Business Meeting



Janelle Tepper and son

About 175 people attended the annual picnic and business meeting of the North Long Lake Association at Legionville on July 20th. President Hondo began the meeting with introductions of members and guests from each of the lake's three bays. She then introduced members of the Board of Directors and recalled for the audience that three Board members had resigned during the year: Sue Kumpula, Mike McMenimen, and Dan Wilson (see appreciation in the Fall 2012 Newsletter). Three persons were appointed to fill these positions during the year past and are now included on the ballot for election to the Board: Doug Hohman, Bill Schmidt, and Bret Strange. In addition, one open position is available and John Gordon was nominated for that one. Ballots were distributed listing names and biographies of these four candidates and, there being no additional nominations from the audience, members proceeded to mark their ballots. All four candidates were elected.

Speaker for the occasion was Henry Erdman, an associate at Minnesota Lakes and Rivers Advocates, who discussed the worsening situation in the state with respect to invasive species, the necessity for citizens to assume frontline efforts in order to control

these species, and the need for greater support of state-wide efforts to bring these species under control – especially from the State Legislature. Legislative action has not been as vigorous as it should be and local associations need to become active in state-wide advocacy.

Reports were given concerning the scoping project dealing with possible improvements in CR 115 (see separate article); and the news that treatment of curly leaf pondweed in Merrifield Bay was less than successful this year (see update elsewhere in this publication).

Special features of the annual gathering were a silent auction of attractive items donated locally (net proceeds: \$649), commemorative tumblers designed by Deb Johnson and Fran Cronin (net proceeds: \$298), North Long Lake mugs anonymously donated (net: \$268), and clothing sales arranged by Fran Cronin and Deb Johnson (net: \$233). Total sales at the picnic were thus \$1,448.

Door Prizes. Once again, the North Long Lake Association greatly appreciates the donation of door prizes that were distributed by lottery to persons attending the meeting.



North Long Lake Apparel

We would like to thank all the people who purchased items from us at the 2013 Annual Picnic. We had a very successful year. We are looking forward to 2014 in hopes of finding something new and fun.

North Long Lake logo apparel is available throughout the year and makes a wonderful Christmas gift. If you wish to order an item, please contact Fran or Deb. Our information is listed at the end of this article.

You can order our North Long Lake apparel all year long. You can find pictures of our products and an order form on our lake web site at <http://northlong.com>.

If you do not have internet access, you can contact us at the phone numbers below and we would be happy to answer your questions and take your order. We hope that you will enjoy wearing your North Long Lake clothing.

FRAN CRONIN

pfc1964@gmail.com

Home - 763-427-5636

Cell - 763-360-5734

DEB JOHNSON

dsj9965@gmail.com

Cell - 612-384-0895



Donors for the silent auction:

Adams Pest Control, Crystal Pierz Marine, D.H. Docks, Dick Bipes, Doug Hohman, Fun Sisters, Jack Esser, Jeremy Johnson, Lynn Hopkins, Paul and Rosella Soule, Power Lodge, and R. W. Jewelers.

Donors of door prizes for the lottery:

Bagatelle, Black Bear Lodge, Blake-man Pumping Service, Boulder Tap House, Carriage House in Nisswa, Chap Restaurant, Ernie's on Gull, Green Porch, Half Moon Saloon, Harpo's, Ivens on the Bay, Jack Esser, K and J Small Engine Repair, Lake-side Acres R.V. Resort, Landsburg Nursery, Loides Oil and Vinegars, Morey's Seafood Market, Nisswa Automotive, Nisswa Marine, Old Water-fall Restaurant, People's Security, Poncho and Lefty's, Tastefully Simple, Train Bell Resort, Valerie Ann's, and Wildwedge Golf and Mini-Golf.

Election of Officers

Officers for the Association were elected at the August meeting of the Board of Directors as follows: Kay Hondo, President; Bill Schmidt, Vice President; Bill Hartup, Secretary; and Lynn Hopkins (a non-board member who does not vote) as Treasurer. Later this fall, Marty Peisch resigned from the Board owing to the demands of a new job and she has been replaced by appointment with Greg Davis, a Brainerd physician.

Willard Hartup, Secretary
Sue Kumpula, photos

NEWS & NOTES

North Long Lake

2013 Membership Report | By Kay Hondo |

As of October 26, 2013, 264 members had paid 2013 dues of \$7,120 and AIS donations of \$10,466.96 for a combined total of \$17,586.96. Besides the AIS donations that were mailed in, about \$1,900 was raised for AIS at our annual meeting (included in these totals). At the time of last year's fall newsletter, we had received a total of \$17,667. As you can see, we are close to the dollars that were collected then. A recent reminder letter, sent to property owners and friends of our lake who had not yet paid dues for this year, brought us responses from 51 members. By the end of 2012, we had received \$18,192 in dues and contributions from 294 members. We are hoping for more responses yet this year so that the number of members participating in 2013 will exceed last year. I will send an email (to those who have provided email addresses) to share our year-end membership totals.

As always, we need the generosity of our members to meet our commitments to pay for boat inspectors at the Merrifield and

the 371 boat accesses plus expenses associated with our curly leaf pondweed infestation. To those of you who have paid your 2013 dues, we appreciate your continued support! If you haven't paid this year's dues (along with invasive species contributions) it is a not too late to mail them in. Not sure if you already paid? Check your address label on this newsletter - if you don't see "2013" in the upper right hand corner - this would indicate that you haven't paid your dues yet.

This newsletter starts our **2014** campaign. You can use the membership form provided in this publication for next year's dues or you can download a form from: www.northlong.com. If you have not regularly been an association member, now is the time to make the decision to join your neighbors in our uphill battle to protect your lake. Keep in mind, your donations are tax-deductible. Thank you!



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ST. CLOUD (320) 271-1916
www.soundconnectioninc.com



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**Coats for Kids Drive - \$50 off any 2-Way starter,
\$25 off any 1-Way starter with a coat donation.**

NEWS & NOTES

North Long Lake

North Long Lake 2013 Membership Roster

In the following list, "donor members" are those 2013 dues paying members who also contributed to the Aquatic Invasive Species Fund; "regular members" are those who paid their 2013 dues.

DONOR MEMBERS

ALBRECHT, CHARLES D & DEBRA K
ALDERMAN, BETTY R & JAMES F TRTEES
BACKLUND, JOHN A & MARY
BECKER, STEVEN & CLAUDIA
BENNETT, DONALD B & MARY ANNE
BERG, RICHARD & DEBBI
BERNING, SHARRY, RALPH, BRANDON
BETLAND, DAVID L & KAREN
BETLAND, WILLIAM & ELIZABETH
BETLAND, JAMES & CARRIE
BLYTHE, JAMES & ELIZABETH
BOWMAN, ROBERT
BUSCH, DARRYL & ANGELA
CAREY, PAUL R & MARY
CARLSON, MARY JANE
CLARK, RON & TRUDY
COLLETTE, EDNA D
CONNOR, JIM & SUE
COOK, JIM & HOPKINS, LYNN
COPLIN, JO ANN
TRUSTEE OF COPLIN TR
CORRIGAN, SHANNON R
& COREEN BRAZIL
CULVERSON, MYRA A
& CHERI STEPHENS
DAVIS, GREG & JODY
DONNYBROOK HOME OWNERS ASSOC
DUBOIS, RALSTON JR & JUDITH
DUNIVIN, NANCY S
EHLERT, DENNIS & BARB
ELFELT, CORINNE, STACEY & LARRY
ERICKSON, RICHARD & MAVIS
ERICKSON, MARK E & BROR L
ESSER, JACK M & STEPHANIE
FELT, JOHN
FINNEGAN, ROBERT & JULIA
FISCHER, RANDY &
KAY OLSON-FISCHER
FLANSBURG, ROBERT E & KATHRYN
FLATGARD, BARB
FROLIK, JOSEPH A & JAN M
FULLER, GENE N & JACQUELYN F
GAPINSKI, GARY A & MARY P
GASIK, JOSEPH M & PATRICIA A
GENELIN, LOREN & SUE
GOLDSTEIN, HARRIS M & MARIJO A
GONSE, DON & DIAMOND, MEGAN

GREGORY, GARY O & DIANE LYNN
GREVE, MYRA M & JOHN
HAECKER, MARK W & ANNE C
HALLORAN, MICHAEL
HAMMER, LEANNE & BOB
HANSON, DAVID & NOELLE
HARTUP, WILLARD W & ROSEMARY K
HASTINGS, WADE & KAREN
HENSEL, LOIS & STEVE
HEWITT, RICHARD N & JENELLE
HEYNE, LEO & DARLENE E
HIGHT, SARA LEE WEST
HOLBROOK, THOMAS J & LYNN
HOLEWA, JOETTA
HOLMER, STEVEN J & BRENDA L
HONDO, LYNDON P & KAY J
HRADSKY, WESLEY D & JOAN S
IVENS ON THE BAY (JEAN OPHEIM)
JACOBSEN, THOMAS
JENSEN, EDWARD L & JOLENE
JOHNSON, DANIEL & BONNIE
JOHNSON, DEREK & MADELINE
JOHNSON, CHARLES & SUSAN
JOHNSON, MARK
JOHNSON, ARTHUR L & DEBORAH S
JOYCE, PATRICK J & NANCY
KNOLL, GEORGE W JR
KNOOIHUIZEN, PAUL & DEBORAH
KUMPULA, SUZANN K & CHARLES
LAAK, STEVEN P & VALERIE L
LADWIG, WILLIAM H & JULIE
LAMP, JUDITH
LANGLEY, GREGORY W & SANDY
LARSON, LARRY LEE
LARSON, LAURA S.
LEESE, JERRY T & SHARON
LIZAKOWSKI, JASON & KATIE
LONEY, COREY J & JULIENNE
LOWEY FAM. LT'D PARTNERSHIP
(JOHN & SHARON)
MCFARLANE, ROBERT N & LEONA M
MCLAIN, KENNETH A & PATRICIA A
MCMENIMEN, MICHAEL C & REBECCA
MEDECK, ART & LINDA
MEHR, TOM & JACQUELINE
MELQUIST, LUCAS & MOLLY
MEUWISSEN, LYNN
MIDDAUGH, BARBARA

MILLER, DONALD M & JOLYNN M
MOLIN, CONRAD B & MARLENE
MORGEN, JAMES & VELMA
MORRIS, JOHN E & ARDIS
MYSLAJEK, RICHARD P & PATRICIA M
NELSON, DONNA
NEWMAN, DAVID, DENNIS A & JEAN M
NEWPOWER, DON & MARGUERITE
NICCUM, PAUL & SANDY
NOLAN, STEVE S & JULIE M
NORDSTROM, KEITH & SUSAN
NYGAARD, MARY E & REUEL
O'HARA, WILLIAM D JR & SHERRI
OLSON, ROLAND & BEBEAU, MICKEY
PEARSON, CHARLES & MARVA LOU
PEKAR, JOHN & DEANNA
(SULLIVAN'S RESORT)
PETERSON, DWAYNE L & ARDITH R
PETERSON, WAYNE H & LEESA
PETERSON, TED & JANE
(JANE M TRUST DATED 4/5/05)
PIKE, DAN & SHERRI
POLASKI, NEIL & SHIRLEY
POTVIN, WILLIAM R & CYNTHIA S
PRENTICE, JERRY D & TAMRA
PROM, ERVIN J & RENEE
PUNG, TIMOTHY J & LAURIE J
RALPH, STEPHEN & SUSAN
RANDAHL, GREGORY L
REPH, RONALD C & VICKIE J
REUTER, GERALD T & LOIS M
ROBERTS, WALTER & CORINNE
ROBINSON, DAVID W & SHARON
ROCK, CARLTON D & LINDA O
ROHRBACHER, GORDAN & ELSIE
ROSENBERGER, BETTY
SANDBERG, BRUCE R TRUSTEE
SAPLETAL, DAVID L & MARTHA M
SCHMIDT, DELBERT D & NANCY G
SCHMIDT, WILLIAM G & FERN A
SCHOEPPACH, JUDY & CHERYL TRISKO
SCHULTZ, BRADLEY & VICKI
SCHULTZ, STEVE & JULIE
SCHWEGMAN, THOMAS & DUREEN
SHAW, MARGARET
SIGSTAD, JOHN & JANI
SMART, SHAWN K. & TRACY
SOULE, PAUL E & ROZELLA

NEWS & NOTES

North Long Lake

North Long Lake 2013 Membership Roster

STANICH, KAY MARIE
STRAND, DEB
STRANGE, BRET & KIMBERLY
STROHMAYER, PATTI
STROHMAYER, FRANK J JR & NANCY A
SVEE, KENNETH B TRUST DATED 6-9-05
SVIHEL, MICHAEL J & LEEANN
TEPPER, DAN & JENELLE
TERHAAR, TOM & KATHY
THUNELL, NORMAN C & JOAN M
THUNELL, BRYCE
TRAIN BELL RESORT
(John & Kristi Gordon)
TURCOTTE, RICHARD & COLLETTE L
ULMEN, RICHARD & DIANNE K
VAN BEUSEKOM, ROBERT & BETTY
VANEK, TODD & MANDY
VICTORIAN, ANTHONY O & JOANNE M
VILLWOCK, GARY & LOLA (LIFE ESTATE)
VOISS, JAMES T
WEAVER BROTHERS CO
WENNBORG, JANICE & JON
WHALEN, CHARLES M & MARNIE E
WICKLUND, EDELL A & E A
WIKSTROM, GEORGE REV. TRUST
WINJUE, ROD & HEATHER
YALCH, ROUL D.
YEAGER, THOMAS W & LOREE L
YOUNG, CHARLES W & MARGARET M
YOUNG, RICHARD & MARCIA
ZANDER, JOHN F IV & SANDRA
ZELENAK, DIANE S

REGULAR MEMBERS

ADAMS, JULIA A & DANIEL
BERG, THOMAS M & DEBORAH M
BLAU, DOROTHY M
BOYER, KARNA
BURLEY, ROBERT W & JOANNE
BURNHAM, DAVID & KAREN
CIBUZAR, ALAN & SHELLIE
c/o E. Balbach Life Estate
CRONIN, PATRICK J & FRANCES E
DALBEC, BRIAN & BARBARA
DRAHOS, DAVID A & MARION M
EIBENSTEINER, ROBERT
(BDM PROPERTIES)
ENGER, VIRGIL M & JUDITH A
FILIPKOWSKI, JAMES & BERTHA
FORTNEY, PAUL R & KATY

FREED, WM & AUDREY
FRITZ, JULIE EILEEN
GERRETY, COLIN THOMAS & ANITA
GERRETY, SHANNON, STACY,
CARL & NANCIE
GILBERTSON, LARRY A & JOSEPHINE
GOLBERG, RANS, TEUTER
(HARVEY & JOYCE)
GREILING, WENDY E
HANSEN, JUDITH L & ED
HARTUP, BARRY
HARTUP, GRANT
HARTUP, HOPE
HAYEK, PATRICK & BONNIE
HIDDEN PARADISE RESORT
(ATHMANN)
HILLMAN, DIANE & DR. R S LYLE
HOHMAN, JEANETTE & DOUG
HOLLAND, EVERILL D & SHARON
HOLLENKAMP, JOSEPH H & LOIS M
HOLLINGSWORTH, ROSEMARY
& NORMAN
HONERBRINK, SANDRA
HUDALLA, MARLENE
JENSEN, ANDREW & REBECCA
JENSEN, LINDA K & ROBERT D
JENSEN, MICHAEL & ERIN
JOHNSON, DAVID & CORINNE
JOHNSON, DENNIS & ROBERTA
JOHNSON, GREGORY R & MARY
JOHNSON, JEREMY & SARAH
JUNKER, DIANE
KNESE, JOHN W & JENNIFER R
KNOOIHUIZEN, MARK G & SANDRA
KOOP, ROBERT E
KRUGER, SCOTT W & STACY D
KYRO, BRUCE & MELISSA
LARSON, ELEANOR
LARSON, VICKI
LASKOW, LYNDA T ETAL
HENRIETTA LASK
LAUDENBACH, JOE & DENISE
LECLAIR, JANET M
LINDQUIST, ROBERT H & JUNE TRTEES L
LITCHY, HILARY H & MARY M
LOBITZ, LYLE & MARY
LONEY, ALLAN J & SANDY
LONEY, JOSEPH O & LEANN C
MARONEY, DAVID M & MARY E
MARSHALL, TERRY & JAYNE

MARTIN FAMILY LIMITED PARTNERSHIP
MCDONALD, JOHN T & KRISTIL A
MESSING, DIANE
MOODY, ROGER & KAREN
MORRIS, THERESA J & RON
MYERS, STEVEN J & NANCY M
NELSON, DENNIS & MARI
NELSON, DOUGLAS A & JOYCE
NYDEGGER, JOSEPH E & LINDA
OLEJNICK, MICHAEL A & JANICE E
OLEK, JEFFREY S
OLEK, RAYMOND V & MARGE K
OLSON, LEONARD E & SUSAN D &
DOUG KRAUT
OWEN, ROBERT J & KAREN
PATRICELLI, JOHN & DONNA
PAVEK, TOM
RIEDEL, MARK
ROCHE, KEVIN & SUSAN WOODWICK
RODINE, DUANE & DARLENE
RUSH, BARRY & PATRICIA
SAARI, DUANE H & JUDITH E
SCHEEL, LYLE N & SUSAN E
SELLS, MARGARET R TRTEE
SEUBERT, DALE R
SHIPMAN, DAN J
SHOEMAKER, STEVEN M & SUSAN M
SIMPSON, TROY & DENISE
SNAZA, LAWRENCE P & MARILYN J
SOBOTTA, PATRICK & KAREN
SOULE, RICK & JUDY
SPEAR, RICHARD
STORMS, CHARLIE & CATHY
STRAIT, RICHARD T
STREETER, ELIZABETH
STUBER, JAMES D & KATHLEEN
SULLIVAN, VERNON R & JOYCE G (Gigi)
SWENSON, MARK C & JUDITH
SYLVERS, DENISE
TEIGEN, JEROME D & VICKIE L
TORBORG, GARY A & CHARLENE
VILLWOCK, MICHAEL H & BARBARA K
WEILAND, JACK & JUDY
WILLIAMS FLORAL (FRANK & KAREN)
ZIMMERMAN, RANDAL S & LORI
ZUROSKI, LEO & ETHEL

NEWS & NOTES

North Long Lake

NORTH LONG LAKE 2014 MEMBERSHIP DUES STATEMENT

We hope this Newsletter will convince you that investment in a membership in the North Long Lake Association is a good deal. The more members we enroll, the better positioned we are to fight the invasive species that are ever-threatening. NO OTHER ORGANIZATION IS DIRECTLY RESPONSIBLE FOR THE WELFARE OF NORTH LONG LAKE. WE ARE THE FRONTLINE. Please join us so the Association represents ALL homeowners on the lake!!

Please be as generous as you can with contributions to the Invasive Species Fund. This is the only resource we have currently to use in requesting "in kind" support for boat inspections and treatment control of these species. Remember that we are a 501(3)(c) organization so that your contributions are TAX DEDUCTIBLE! *Thank you!!*

Name: _____

Mailing address: _____ Lake address: _____

Home Phone: _____ Lake Phone: _____

Email address: _____ Cell Phone: _____

2014 Dues: \$25.00

+ Invasive Species Fund _____

= Total Contribution: _____

Please make checks payable to:

North Long Lake Association
P.O. Box 54
Merrifield, MN 56465

Continued from page 8

New Grant Provides Small Step in State-Wide AIS Fight

The Lessard-Sams Outdoor Heritage Council has continued to meet since the September hearing and is recommending to the Legislature that MN COLA receive a grant of \$3.62 million from Heritage funds to support a pilot project to determine the efficacy of local inspection and decontamination models. Under terms of the Clean Water, Land and Legacy Amendment, the Legislature holds the purse strings when it comes to the actual funding of specific proposals. Nevertheless, the Council has lobbied successfully over the years against changes in its rec-

ommendations. In the spring of 2013, a controversy blew up when the Legislature added a \$3 million appropriation for local AIS programs to the Council's list of recommended projects. The Council and its supporters bristled at the Legislature's unilateral addition and, after bitter cries in the press, Governor Dayton used his line item veto to strike the AIS measure from the Heritage/Legacy funding bill. Now, MN COLA has succeeded in persuading the Council to include a similar proposal within its recommendations. Progress? We'll see.

In the meantime, our local lake associations are grateful for the efforts of MN COLA to establish the beginnings of a state-wide program in AIS control.

NEWS & NOTES

Round Lake

Round Lake Annual Meeting & Picnic



The annual meeting for both the Round Lake Improvement District and the Round Lake Improvement Association were called to order by President Mark Parrish.

The results and minutes of both meetings follow.

ANNUAL ROUND LAKE IMPROVEMENT DISTRICT MEETING MINUTES, JUNE 29, 2013

The meeting was held at the home of Bernice Slupe. The weather was nice, but extremely windy, the turnout was good and the food was great.

Board members present: Mark Parrish, Eric Davidge, Linda Esser and David Leary.

Meeting was called to order by President Mark Parrish.

Minutes of the 2012 Annual meeting were presented by Secretary Eric Davidge. A motion to approve the minutes was made by Steve Esser, Seconded by Nan Morain, motion passed unanimously.

The annual Treasurer's report was given by Treasurer Linda

Esser. A motion to approve the Treasurer's report was made by Marjorie Holmstrom, Seconded by Mary McGuire, motion passed unanimously.

President Mark Parrish introduced Alan Cibuzar from AW Research to give an update on the Curly Leaf Pondweed status within the lake. A flyover of the lake in November of 2012 revealed approximately 140 acres of infestation. A proposal was submitted by the RLID's applicator, Clarke to the DNR, Clarke was approved to treat up to 95 acres. Hopefully the treatment will be successful, but will more than likely remain an ongoing problem.

Alan also gave a brief review of the Trophic Status Index(TSI), which is a measure of the health of a lake. The TSI number takes into account the Mean Total Phosphorous in the lake in parts per billion(ppb), Secchi Disk readings in feet and Mean Total Chlorophyll-a in the lake in (ppb). Overall the TSI numbers have remained fairly stable over the years and are in the Eutrophic zone which is where most of the lakes are in this region. The TSI numbers tend to be higher in the fall, more than likely due to higher septic system use during the summer. He did state that the presence of CLP in the lake has an impact good or bad on TSI readings. This year's readings were performed by Dick Sobiech and Chuck Jorgensen.

Alan also presented on the clean out of Sugar Bush Creek this past winter to allow the Clemson levelers to work properly and regulate the flow of water into the lake. The cleanout was performed successfully and the levelers are again working as they should.

No new business.

A motion to adjourn was made by Dick Sobiech, seconded by Chuck Balzer, motion passed unanimously.

*Respectfully submitted by Secretary,
Eric Davidge*

*Again this year Kevin McGuire of K & J
Small Engine Repair provided door prizes
for this year's event. Thanks Kevin!*

ANNUAL ROUND LAKE IMPROVEMENT ASSOCIATION MEETING MINUTES, JUNE 29, 2013

The meeting was held at the home of Bernice Slupe. The weather was nice, but extremely windy, the turnout was good and the food was great.

Board members present: Mark Parrish, Eric Davidge, Linda Esser and David Leary.

Meeting was called to order by President Mark Parrish.

Guest Tim Bray – Crow Wing County Engineer.

Minutes of the 2012 Annual meeting were presented by Secretary Eric Davidge. A motion to approve the minutes was made by Alan Cibazar, Seconded by Dick Sobiech, motion passed unanimously.

The annual Treasurer's report was given by Treasurer Linda Esser. We have \$700.00 left over from the Tent Caterpillar spraying project which will be transferred to the general fund. A question was asked about the Dredging funds, Linda stated that there was nothing scheduled at this time regarding dredging between Round and Gull Lake. A motion to approve the Treasurer's report was made by Wes Anderson, Seconded by Nan Morain, motion passed unanimously.

President Mark Parrish discussed board positions up for re-election. Scott Fisher and Mark Parrish both agreed to run again and remain on the board. The ballot was open for additional nominations from the floor. There were no additional nominations from the floor. A motion was made by Alan Cibazar, seconded by Dick Sobiech to close the ballot, motion passed unanimously. A motion was made by Bernice Slupe, seconded by Nan Morain to accept all candidates as listed on the ballot, motion passed unanimously.

Linda Esser's term as Treasurer expires 7/1/14.

Newsletter – Steve Clough is resigning from coordinating the newsletter, a request was made looking for volunteers.

Loon Report – Larry Stark stated that the ice went out on May 14th and that the loons were ready to nest immediately. He re-

ported that 2 eggs hatched June 15th, but that 1 is missing. He said that Ken Smith on the west end of the lake reported 2 chicks hatched and Dick Brumfield had 1 chick off their platform. He requested that residents and their guests please take extra caution and give the loons a wide berth especially with Jet Skis.

CR 115 – Dick Sobiech introduced Tim Bray from C.W.C. to give an update on the CR 115 project. Tim said that over 150 surveys had been completed and returned both written and online. Survey finishes up on 7/8/13 to define a Mission Statement for the project. There is currently no funding for the project. A decision will be made on the schedule and size and scope of the project by the county commissioners, Tim and the community based on the survey results.

No new business.

A motion to adjourn was made by Steve Esser, seconded by Dick, motion passed unanimously.

*Respectfully submitted by Secretary,
Eric Davidge*

Where's Wally?

Wally spent the last year, 2012 thru 2013, staying with Ken and Donis Smith. Wally had a great time traveling with the Smith's and is now looking forward to a new and exciting adventure next year with his new hosts.



NEWS & NOTES

Round Lake

Round Lake Improvement Association

Membership Levels. Contributions Received 4/1/13 thru 11/5/13

Owl \$25 - \$49.99

Tom & Beth Anderson
William Arndt
Charles Balzer
Tim & Nancy Baxter
Bud & Cindy Bell
Dan & Mary Benson
Jo/Nan Bonestroo/Morain
Rodney & Janice Brouwers
Dick & Mary Brumfield
Chuck & Sandy Burton
Chris & Judith Christensen
Alan & Shellie Cibuzar
Steve & Kristi Colby
Dick & Gayle Cooney
Richard/Lynn Crail/Parker
Keith & Karen Danielson
Cyril & Lynn Durrenberger
Richard Eckroad
Dr & Mrs B.H. Ellingson
Lon & Mary Erickson
Doug & Marie Falls
Patty Felton
Jake & Angie Frie
Bruce & Carol Friesen
6 GS of Helen Gautschi
Bill & Vicky Goers
Marian Graphenteen
Tim & Darlene Hastings
Nick & Pat Heinen
David & Kathleen Hennes
Laurie/Jane Hennes/Sparks
Denny & Karen Holmen
Marjorie Holmstrom
Paul & Bethany Husby
John & Nancy Jacks
Cliff & Meme Juhlke
E.J. Kelly
Ray & Susan Kieffer
Paul & Anne Klinefelter

Jim & Judy Landkammer
Jim & Anita Langham
Debra & David Leary
Rich & Beverly Leonard
Nan Liudahl
Mona Lofgren
Janice Malmin
Mary McGuire
Richard Mckelvey
James Meyer
Phil & Connie Meyers
David & Jo Nelson
Ted & Norma Newcomb
Kevin & Kathie Nordstrom
De Los & Karen Olson
Suzette Olson
Dennis & Mary Oscarson
Dolly Oseland
Gary & Becky Pappenfus
Beth Parks
Robert & Beth Quist
Charles & Joann Reisinger
John & Denise Retka
Butch & Janet Rhoades
Tim & Cindy Roggenkamp
Mike Sauro
Jay & Carol Simon
Ron & Carol Smith
Ken & Donis Smith
Richard & Marilyn Sobiech
Dave & Bonnie Sobiech
Nancy Steen
Bob & Pam Stickler
Bill & Jo Svendsen
Kevin & Kathy Wernberg
John & Elsa Windh
Richard Yoder
Roger & Karen Yundak

Hawk \$50 - \$74.99

Harvey & Catherine Allen
Lois Bickel
Danny & Kathy Brown
William & Kathy Brummond
Blanca & Robert Christensen
Bruce Clark
Cinosam Club
Paul & Wendy Engelman
Steve & Linda Esser
Paul & Mary Etzell
Steve & Robyn Hinson
Chuck & Marie Jorgensen
William & Marilyn Kuehl
Andy & Rebecca Lahl
Steve & LuJean Larson
Wayne & Yvonne Larson
Dan & Jennifer Lee
Joan Lofgren
Steve & Kathy Lusk
Joseph & Sheila Nadeau
Al & Laura Paycer
Jory & Alice Rasmussen
Ted & Mary Rogers
Bob Rusnacko
John & Julie Scanlon
Allen & Alycia Skogquist
Larry & Cece Stark
John & Vivian Swanson
Mike & Vicki Zager

Osprey \$75 - \$99.99

Laurel Baxter
Beverly Erickson
Vicki & Rodd Field/Frye
Glen & Kirsten Harstad
Curt & Verna Hawkinson
Craig & Lanette Johnson
Marilyn Kjorlien
Berniece Slupe

Eagle \$100 or more

Jerry & Jane Alsleben
Wes & Lorrie Anderson
Bill & Peg Baker
Bill & Diane Baker
Patricia Bosacker
Galen Bottemiller
Jeffrey & Lou Burman
Steven & Joanne Carfrae
Steve & Cindy Clough
Marilyn Covey
Eric & Julie Davidge
Linda/Patti Domholt/Herzog
Lee & Irene Erhard
Jim & Nancy Freeman
Matt & Nancy Gervais
Don & Pat Gunderson
Russell & Eileen Iverson
John & Tanya Just
Scott Knoblauch
Janell Kramer
Lisa Lake
Bill & Elaine Lancaster
Mike & Ada Larson
Walter & Ginna Leonard
Craig & Brenda Ludtke
Bill & Kristin McGrath
John Meyer
Rolf & Diane Moen
Tom & Kitty Moore
Mark & Paul Parrish
Scott & Kathy Potter
Russ & Muriel Pritchett
Jerry & Brigid Raskin
Jeff & Barb Soma
Mike & Deb Veldman
Jerry & Nikki Waldron
Charles & Virginia Wilcox
Gary & Patti Williams
Clark & Kathy Zard

NEWS & NOTES

Round Lake

Tent Caterpillar Spraying

| By Linda Esser |



In the spring of 2012 it was brought to the attention of the Round Lake Improvement Association (RLIA) that the Tent Caterpillar infestation along highway 371 and Ojibwa Road had reached troublesome proportions. Many property owners on both Round Lake and North Long Lake expressed an interest in having their property sprayed for Tent Caterpillars.

The plan was to do the spraying in the spring of 2013; because of the logistics and the time constraints on when the Caterpillars can effectively be sprayed, it was necessary to sign up those properties that wanted to be sprayed before the spring of 2013. A committee was formed, co-chaired by Mark Parrish and myself, and with the help of many volunteers working through the fall of 2012 and the winter of 2012-2013, we were able to sign up properties representing over 320 acres.

The spraying was scheduled for June 10, 2013; Larson Helicopters out of Perham was hired to do the spraying. After starting and working on this project since the fall of 2012 our only concern was the weather, but the weather did cooperate that day with clear and sunny skies - perfect spraying weather!

I saw Mark Parrish drive by my place that morning with the helicopter support truck in tow. They were headed for Dove Lane, where the helicopter was planning to land. Soon there-

after, there was a knock on my door and here was Mark. "We have a problem; Larson can't land the helicopter on Dove Lane. The helicopter is in the air and we have 30 minutes to find a field where he can land." Mark suggested we use the field south of Schaefer's. So he headed there with the support truck following and I called the bank which owns the property and received their permission.

The helicopter landed, we went over the maps and he began his work. Each time he needed to refill the helicopter with spraying product, he came back to that field and landed on top of the truck, as you can see in the picture. It was an unusual sight! Even the Nisswa police stopped to see what we were doing. The pilot returned for refilling 3-4 times. He started spraying on the North Long side, then Ojibwa Road and then went to the north side of Round Lake. Unfortunately, he ran out of product and 3 properties on Round Lake were not sprayed.

This was a great team effort. This could not have been done without the help of so many people. They knocked on doors, made calls, passed out notices, collected checks, etc. I want to thank all of the volunteers, including my co-chair Mark Parrish, for a job well done.

NEWS & NOTES

Round Lake

Round Lake Improvement District

FOR THE PERIOD OF 1/1/2013-8/15/2013

	AMOUNT	DESCRIPTION	VENDOR	CHECK #	DATE
CASH BALANCE AS OF					
1/1/2013	\$ 63,038.42				
REVENUES:					
	213.28	Jan 25 Tax settlement			
	19,654.97	July 3 Tax settlement			
TOTAL REVENUES:	\$ 19,868.25				
EXPENDITURES:					
	250.00	2013 LID ANNUAL ADMIN FEE	Crow Wing County	JE	1/31/13
	254.36	Rd Lk Aquathol Super K	Lake Restoration, Inc	354007	2/26/13
	480.95	Sediment Rmvl 1-9-13	A W Research Laboratories Inc	353987	2/26/13
	319.69	Round Lk Watercraft Inspect.	MN Dept Of Natural Resources	354163	3/26/13
	90.00	Rd Lake Workshop 4-6-13	A W Research Laboratories Inc	354575	6/11/13
	210.00	Rd Lk Summer TSI '13	A W Research Laboratories Inc	354810	7/23/13
	46,157.45	Rd Lk Mgmt fee	Clarke Aquatic Services, Inc.	354890	8/6/13
TOTAL EXPENDITURES:	\$ 47,762.45				

CASH BALANCE AS OF
8/15/2013 \$ 35,144.22

2013 TAX & SPECIAL ASSESSMENT SETTLEMENT DATES:

JANUARY 25, 2013 (THE BALANCE OF PRIOR YEAR COLLECTIONS NOT PREVIOUSLY PAID)

JULY 4, 2013 (1ST HALF TAXES)

DECEMBER 2, 2013 (2ND HALF TAXES)

Round Lake Improvment Association Banking Summary 7/1/2012 through 6/30/2013

INCOME

Clothing	640.00
Interest Inc	17.42
Dredging Funds	199.50
TOTAL Interest Inc	216.92
Meat From Picnic	75.00
Membership Dues	8,616.00
Rummage Sale Income	160.00
Tent Caterpillar Spraying	6,663.00
TOTAL INCOME	16,370.92

EXPENSES

Bank Charge	16.95
Buoys	424.67
Insurance	450.00
mailbox fee	44.00
Misc	60.00
Picnic	
2012	85.00
2013	955.96
TOTAL Picnic	1,040.96
Professional Fees	250.00
Sale Around Round Exp	86.30
Stamps	43.00
Tent Caterpillar Spray. Exp.	5,869.00
TOTAL EXPENSES	8,284.88
OVERALL TOTAL	8,086.04

ROUND LAKE IMPROVEMENT ASSOCIATION

NET WORTH - AS OF 6/30/2013

Account	6/30/2012 Balance	12/31/2012 Balanc	6/30/2013 Balance
ASSETS			
Cash and Bank Accounts			
CD Designated Funds Dredging	29,095.28	29,164.06	29,244.78
Checking	8,517.92	13,937.77	5,616.41
Savings	5,511.39	5,517.00	15,522.39
Special Projects Checking	0.00	3,847.55	777.05
Svngs Dredging Funds	50.52	100.52	100.52
TOTAL Cash and Bank Accounts	43,175.11	52,566.90	51,261.15
Other Assets			
Accounts Receivable	0.00	0.00	0.00
TOTAL Other Assets	0.00	0.00	0.00
TOTAL ASSETS	43,175.11	52,566.90	51,261.15
LIABILITIES			
Other Liabilities			
Accounts Payable	0.00	0.00	0.00
TOTAL Other Liabilities	0.00	0.00	0.00
TOTAL LIABILITIES	0.00	0.00	0.00
OVERALL TOTAL	43,175.11	52,566.90	51,261.15

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