



Loon Lakes Management Association
P.O. Box 50
Antioch, IL 60002

2016 Annual Report

A Year in Review

Loon Lake Management Association was created to promote understanding and comprehensive management of East and West Loon Lakes and their watershed ecosystems. Loon Lake Management Association provides a coordinated and unified effort for the implementation of policies and programs for the long-term management, restoration and protection of East and West Loon Lakes, including the management of the lakes' watershed (6500 acres) and other natural resources and manmade features within the defined area.

Submitted December 2016 to the Lake County Health Department
by the Board of Directors of Loon Lakes Management Association

The Year in Review

Health of East and West Loon Lakes

Plant and Algae Control

Harvesting

January of 2016 started with truck repairs totaling \$2,200, but after these repairs, the Harvesting crew was hopeful there would not be any additional repairs for the year. However, in early Spring, there were additional repairs on the truck involving the gas tank, but was fixed accordingly.

In May, the crew was ready to go for the season and spoke with NICC to take some of the loads of weeds for fill on their property.

As the year progressed, the team worked to get up to speed for the June 15th start up of our cutting season. As of May, the truck, trailer and harvester were ready to go.

A wage increase was voted in at the May meeting to increase the salaries of driver, Leo from \$15/hour to \$17/hour and the other crew members, Grant and Dave, from \$13/hour to \$15/hour. The harvesting budget was set for 2016 at \$22,000, and even with the agreed upon wage increases, the harvesting budget was projected to come in below budget; between \$14,448 to \$18,586. The board also decided to address this increase in wages each year.

As of June 20th, the harvester was working well and was projected to start that week. However, due to an unforeseen closing of the Fox Waterways dumpsite for our weeds, the harvesting crew had to postpone cutting after 2 weeks. A special meeting of the LLMA directors was called for June 30, 2016 to discuss the issue of new dumpsite.

At the meeting, alternative dumpsites were discussed and it was decided to contract with a local farmer who would charge us \$1,000 for the season to dump weed material. This would be a seasonal contract for 200-250 loads (\$5/load) from June-Sept. The Treasurer, Jim Hammerlund, proposed we use the farmer for 2016 and use NICC as a backup for next year's dumping. A contract was written and Jim Dvorak delivered the signed contract to the board at the next LLMA meeting, and cutting resumed.

The crew spent a majority of their cutting efforts in East Loon Lake this year because the milfoil weeds were worse in East Loon Lake than West Loon Lake. Also the infestation of water lilies made cutting a problem and the crew had to address this problem with additional cutting after a call to the Operations Director of the Forest Preserve. However, because of the late start in the cutting season and the rainless conditions, all the weeds in both lakes were extremely difficult to deal with. The harvester cut as close as possible to the piers so the homeowners boats could get out, but could not cut under 4 feet with the harvester because of the endangered minnows.

An accident occurred on May 31, 2016, when Dave McCleary was repairing the blades on the harvester and cut his hand. The hospital bill was submitted to the insurance company for payment.

At year end the harvesting budget came in at \$21,540.00 for a total of 975 hours and 185 loads of weeds taken out of the lakes. They expect to do better next year with a full season and a renewed dumpsite contract.

Herbicidal Treatment

LLMA budgeted \$7,000 for herbicidal treatment in 2016. Bids were collected for herbicidal treatment from Rollins Aquatic for \$264/acre for a total of \$5,280 and one from Scientific Aquatic for \$195/acre for a total of \$3,900. The decision was made to go with Rollins Aquatic and a contract with Rich Rollins was signed.

After meeting with Mike Adam, it was decided to target 20 acres for herbicidal treatment and stay away from the Forest Preserve property and homeowners who opted out of the herbicidal treatment. The herbicide treatments were done on June 2, 2016.

Fish Management

This year, LLMA stocked the lakes with 2,900 fish. After discussions with Frank Jakubicek, a Department of Natural Resources district fisheries biologist, it was decided to stock the lakes with 1,000 walleye and 1,900 readear sunfish to help deal with the zebra mussel problems in the lakes. Keystone Hatcheries, a VHS certified fish stocking company, has been supplying LLMA with fish for the last few years and has given us a discount of 50% off the price of the fish and no tax. The stocking took place at the end of October without any problems.

Dave Tatak got a call during the Spring regarding a new culvert that was installed on Grass Lake Road. Metal grates were installed across the opening, but their were concerns about impeded fish spawning. It was determined there was enough of an opening to allow the fish to spawn, but a member of Del Monte Gardens will continue to monitor the activity of the fish spawn.

After a few weeks the county completed work around culvert and our resident noticed that there was fish spawning activity in the creek.

Dave asked if the budget could be increased to \$2500 for each year.

Lakes Management

Several concerns from homeowners throughout the year included the high and low water levels due to beaver dam building at the outflow on Sequoit Creek. In response, our president contacted Stormwater Management, the Lake County Forest Preserve, and the Lake County Health Dept. to monitor the beaver activity to sustain water levels to keep down flooding. A water gauge will be placed on the sea walls to determine a safe water level.

NICC also received a notice from the Ill Natural History Survey regarding a request to map the wetlands around NICC.

A concern about a VHS virus spreading to crappies in the lake was investigated and reported to the Health Department. It was decided to monitor the fish and see if any future action would be necessary.

Channel between East and West Loon Lakes

Fundraising for Phase II of the channel refurbishment between East and West Loon Lakes continued in 2016 with LLMA logo merchandise donated from a local vendor. After several months of discussions and product and logo reviews, several items were chosen to raffle off at our annual picnic fundraiser in August. It was later discussed if we would repeat this fundraiser again in 2017.

Permit applications were sent to the Army Corp of Engineers and the DNR, and RFPs were sent out for bid. Several meetings were held with representatives of the Lake County Health Department and a wetland specialist from Lake County Planning, Building and Development. Maps were sent to the DNR for approval of dumpsites for our EcoCat Study, to make sure there were no endangered species in the area to be dredged. Summers Park was approved as a dumping site for the dredging material and pumping bags.

A contract was accepted from Integrated Lakes Management for \$24,036.00, which included only the staging of equipment, dredging and pumping of bags on Summers Park. This did not include re-landscaping of Summers Park or the disposing of the dredged material. A local trucking company, Fox Trucking, will be approached with the disposal of the material after the dredging has begun.

Phase II of the channel dredging project is still pending approvals from the Army Core of Engineers.

Educate and Communicate

LLMA applied for a business credit card this year in light of becoming a non-for-profit corporation and to help with record keeping for purchases.

Regular posting to our website and facebook pages kept our members informed about our meeting dates, officers, minutes and events. An order form was also added to our website for the sale of LLMA merchandise.

As our Annual Picnic approached the website and facebook pages were utilized to ask for volunteers, tents, food, and raffle prizes.

A new advertising strategy was implemented this year to let the local area homeowners and merchants know what LLMA was all about. Ads were placed in local shopping blogs and community websites.

Grants were researched this year for funding for our channel dredging project.

Annual Meeting

The annual meeting of Loon Lakes Management Association was held on Saturday, August 20, 2016 at the Summers Park. Tom Keefe called the meeting to order at 11:00 am. The business that was conducted during the meeting was the election of officers.

The slate of officers and their terms were:

President	Tom Keefe	Dec. 2016 to Nov. 2018
Treasurer	Jim Hammerlund	Dec. 2016 to Nov. 2018

Our Annual Picnic and Election was held at Summers Park in the North Shore Association on West Loon Lake. The event was scaled back to save money this year, and only hamburgers and hotdogs were provided by LLMA. Tents, tables, grills, a PA system, and raffle merchandise was all donated by our Association's homeowners and local businesses. The picnic was a success and almost \$900 was made for Phase II of the channel dredging project.

This year the Associations voted in Tom Keefe for President and Jim Hammerlund for Treasurer.

Not For Profit

An application for 501(c)(3) status was sent by Federal Express to the Internal Revenue and Ill. Atty. General on June 29, 2015. In September we received notices from both for additional information. On October 23, 2015 Loon Lakes Management Association became a tax-free charitable organization with the state of Illinois.

A Look at the Future

We understand the needs of the lakes and the importance of balance. The Conservation Plan assists us in finding and maintaining this balance. Also, the plan will help us prioritize and budget for projects both short-term and long-term. This plan will be our guide and launching point to keep Loon Lakes the quality lake it has been for centuries. Our 2017 priorities will be weed control, fish stocking and dredging the channel.

Equipment Inventory

2016-2017 LLMA Equipment Inventory Spreadsheet

Water Quality Monitoring Data

All reports have been forwarded to Lake County Health Dept.

Fiscal Audit of Expenditures

Will be forthcoming

LOON LAKES MANAGEMENT ASSOCIATION INVENTORY - 2015-2016

QUANTITY	MANUFACTURER	MODEL	MODEL YR	PURCHASE DATE	LOCATION	SERIAL NUMBER	CURRENT VALUE	PURCHASE PRICE	LOCATED
1	Aquarius	HM-22- Harvester	1995	Apr-95	Antioch Tnship	LV138			YES
1	Aquarius	TRC-12 Trailer/conveyor	1995	Apr-95	Antioch Tnship	1D9C1L322RN202084			YES
1	GMC	1 Ton 4X4 Pick-up Truck	2003	Feb-03	Antioch Tnship	1GTHK24183E231960			YES
13	SUR-MARK	Bouys, #46104	NA	5/98 & 9/99	LCFP property	NA	\$100 @		YES
1		Bimini Tops (for harvesters)	NA	Oct-98	LCFP property	NA			YES
1	Raytheon	Marine VHF Radio (hand held), Model # RAY 100-VHF	NA		LCFP property	101513			YES
3	Raytheon	Marine VHF Radios, Model # RAY 45 VHF	NA		LCFP property	308764, 308761, 300957	\$227 @		YES
2		Life Ring Buoy (Throwable)			LCFP property				YES
1		2pc Shepards crook	NA		LCFP property				YES
1	Craftsman	Mechanics tool set w/case	NA		LCFP property				YES
1	Craftsman	Metric wrench set w/case	NA		LCFP property				YES
1		Portable Drill w/case	NA		in Truck				YES
1		Engraving tool	NA		LCFP property				YES
		Various hand tools & Parts	NA		LCFP property				YES
2		Life Jackets	NA		LCFP property		\$50 @		YES
1		Coring Equipment - 3"PVC	NA	2000	LCFP property	NA	\$184.00		YES
1	Briggs & Straton	3 1/2 HP Engine	NA	2001	LCFP property		\$194.99		YES
1	Thompson	Cyclone Seeder	NA	2001	LCFP property		\$150.00		YES
1	Coleman	Power Inverter	2005	2005	LCFP property	5SAES1C0660943			YES
1	Ramsey	9500 Winch	2005	2005	LCFP property	K35304049			YES
1	Hand Cutters	NA	NA	2007	T Keefe	NA	\$165.00		YES
1	Lake Rakes	NA	NA	2007	T Keefe	NA	\$110.00		YES
1	Garmin GPS	Trex 20 Handheld GPS	NA	2012	B Lomas		\$214.99		YES
1	YSI	Pro 2030	NA	2011	B Lomas		1542.47		YES
1	Canon	Power Shot		2012					YES
1 Each	Hand Cutter & Rake	NA	NA	2007	North Shore	NA	\$275.00		YES
1 Each	Hand Cutter & Rake	NA	NA	2007	Oak Drive	NA	\$275.00		YES
1 Each	Hand Cutter & Rake	NA	NA	2007	Beach View	NA	\$275.00		YES
1 Each	Hand Cutter & Rake	NA	NA	2007	Lagoona	NA	\$275.00		YES
1	Lake Rake	NA	NA	2007	Harvester Crew	NA	\$165.00		YES
1 Each	Hand Cutter & Rake	NA	NA	2007	Del Monte Gardens	NA	\$275.00		YES
1 Each	Hand Cutter & Rake	NA	NA	2007	East Loon Lake Sh	NA	\$275.00		YES
1 Each	Hand Cutter & Rake	NA	NA	2007	Villa Rica	NA	\$275.00		YES
1	Lowrance Elite	Lowrance Elite-5 HDI 83/200 Dual Frequency Fishfinder/Chartplotter w/Base Maps	2015	2015	Harvester Crew	N/A			YES
Equipment Property Disposed of									
1	Packard Bell	Computer w/ monitor & Canon bubble jet printer			Donated		\$0		
1	Aquamarine	H5-2000 Harvester	1988	Jul-88	LCFP property	AMA2691H5200			
1	Aquamarine	TC-200 TRAILER/CONVEYOR	1988	Jul-88	LCFP property	AMA2692TC200			
1	Easy Winch	Portable Winch	NA	199	LCFP property	NA	\$100.00		
1	YS1	Model # 95, Dissolved Oxygen Meter, hand held w/50' cable			Svoboda	97J0473AD	Disposed of		
2	Advantage	1000 Full face respirators	NA	2000	LCFP property	NA	\$114 @		
1	Bushnell	800 Laser rangerfinder, Model # 20-0880		Jul-99		600442	\$399 @		NO
1	Proforce	Air Compressor	2005	2005		C29500171			NO
1	Hand Cutters	NA	NA	2007		NA	\$165.00		NO
1	Lake Rakes	NA	NA	2007		NA	\$110.00		NO