

Shorelines



A Publication of the Lauderdale Lakes Improvement Association (LLIA)

WWW.LLIA.ORG

The opinions expressed herein are those of the authors and are not necessarily those of the L.L.I.A.

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MESSAGE FROM THE LLIA PRESIDENT

Dear Lauderdale Neighbors,

We are approximately halfway through winter as I write this letter. The ground hog did not see his shadow in Southern Wisconsin on February 2nd, and we will probably have another six to eight weeks of cold weather and snow regardless.

“Ice On” Lauderdale Lakes was a progressive process this winter. Mill and Middle Lakes froze over on December 11, while Green Lake froze over on December 31, 2009. See the article by the Water Quality Chairman Dave DeAngelis for more details and the 2009 summary of water quality.

Fishermen are reporting approximately 12 inches of ice on most parts of our lakes and many people are enjoying their winter fishing experience. The “Hard Water” also makes Ice Boat sailing and snowmobiling enjoyable winter sports. See the article by Peter Van Kampen for more details and to learn about the Sailing Club plans for the summer of 2010.

Lake property history is an important part of the Lauderdale Lakes heritage. Kathryn Ingle Calkins contributed a great article about Greenhurst farm and cottage on the Eastern Shore of Green Lake. I know you will enjoy learning more about the area many now know as Pebble Beach. Remember to look for Greenhurst when you once again take your boat on the lake next summer.

As a youth I rowed a fishing boat and paddled a canoe every summer. Of course I was delighted when we also had a five horsepower Johnson motor to use for the fishing boat. As use of power boats increased through the years, few have had the

desire to paddle or row. That is until the last three years or so. Now resurgence in paddling has occurred and we frequently see kayaks being paddled on our lakes. Many families have one or more kayaks, and a paddling club is under consideration. See Kevin Henderson’s article for more details.

Three Wisconsin DNR Sanctioned Boating Safety Courses will be offered this spring by the Water Safety Patrol. See page 9 for details. Ken Blanke, Water Safety Patrol Chief wants everyone to know that there is a **NEW WISCONSIN LAW** in effect now. Any one born on or after January 1, 1989 must have a boating safety certificate in order to operate a power boat or PWC on Wisconsin waters. Please be sure your family members comply and/or have them take the course.

The number of restaurants/bars on Lauderdale Lakes has decreased from at least four in the 1960s to one. The Landing is the last location that you can dock your boat and go in for a meal. We are fortunate that this will continue. The Healy Family has purchased The Landing and Matt and Mike will operate The Landing Restaurant/Bar. See the article Matt has written to share their plans for the future.

Remember the article from the November Shorelines about the Lake springing a leak? Fast action by the Town prevented a major catastrophe by stopping the leak using sheet piling. Still more needs to be done for a long term solution, and Rick Callaway gives an update.

The Lauderdale-LaGrange Fire Department article provides a summary of the past year activities. Also, they will soon mail tickets for their Annual Fireman’s Dance Fund raiser which will be held on April 10, 2010. Watch for their letter and please consider supporting this very important Volunteer Organization. And last but very important is the LLIA

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membership article by Rick Callaway. The LLIA strives to support the needs of Lauderdale Lakes property owners and residents by working to improve water quality, fish stocking, teaching children the sport of fishing, interacting with the Town of LaGrange and Lauderdale-LaGrange Fire Department and providing communication through the LLIA Shorelines, Directory, Web site and Annual meeting. We are here to serve the community and we hope you will join again in 2010 by completing the membership application included in this Shorelines.

This membership issue of Shorelines goes to all Lake Management District property owners. The LLIA Board of Directors hopes each family will join the LLIA and continue to receive the Shorelines. And if you did not join in 2009, then you will also receive a 2009-2011 LLIA Directory when you join this year.

Thanks for your support of Lauderdale Lakes and our next Shorelines will arrive in member’s mailboxes in May just as the boating season begins.

Don Henderson

LAUDERDALE LAKES AREA TOPICS

By Don Henderson

Town board changes

Town Board Supervisor Mark Bromley submitted his resignation effective January 2010. Mark will devote his time and effort campaigning to be elected a Walworth County Judge in the upcoming election. During the January 2010 Board meeting the Town Chairman and Supervisors passed a motion to appoint Dan Wilson as first side supervisor for the duration of the term (April 2010). Dan had previously announced his candidacy for supervisor and had filed nomination papers with the Town for the April 2010 Election.

Mark was the Town Planning and Zoning Commission Chair, so his resignation required some changes of Supervisor Committee assignment. The Board took action at the January Board meeting to appoint Jeff Schramm, Planning and Zoning Commission Chair. Dan Wilson was appointed Town Communication Committee Chair replacing Jeff Schramm. Dan Wilson was also appointed as the second Town Supervisor serving on Planning and Zoning.

2010 town of LaGrange election

The Town Board Chairman and First Side Supervisor are positions up for election in 2010. Elections will be held the first Tuesday in April, which is April 6, 2010. Candidates elected to the Town Board serve two year terms of office. Candidates must be Town of LaGrange residents, and they must file formal nomination papers to be on the election ballot. The closure date was January 4, 2010. Frank Taylor is the current Town Chairman and Dan Wilson is the current First Side Supervisor. Frank and Dan have both filed nomination papers to be reelected, and they are running unopposed.

Frank Taylor has been an elected Town Board Member for the past 10 years. Initially he served as the 4th Side Supervisor and since July 2005 Town Board Chairman. Frank grew up on his family Homestead Farm at N8676 Tamarack Road. He is the fifth generation to live and make farming his profession on this farm. Frank and his wife Lisa have three

sons and hope a sixth generation will be able to continue to operate their Heritage Farm in years to come. They have expanded their farm operation to over 1200 acres using the latest technology in improved seed and crop management, new tillage and planting methods and manage and track overall operations with computer software data analysis to enable good operating decisions.

Frank stated, "as Town Chairman I must manage the Town resources wisely and make decisions based on what will benefit the entire Town not just for the next six to twelve months, but for many years to come. I must also treat everyone that comes before the Town Board equally. One must not be more favored than another. As a fifth generation resident of LaGrange, I feel I'm just a caretaker of the position. If I make wise decisions, future generations will have the opportunity to enjoy life in our little corner of the world as much as I have".

The Town of LaGrange under Frank's guidance has worked effectively with Walworth County on Smart Growth Plans, facilitated and supported excellent cooperation between the Town and Lauderdale Lake Management District, supported efforts that improved Public Boat Launch Ramps, updated property signage to assure Fire Department Trucks and Emergency Rescue Vehicles will reach those in need quickly, and upgraded the Town Highway Dept equipment to meet road maintenance needs without increasing staff.

Dan Wilson filed papers to be elected to the position of First Side Supervisor. Dan was appointed to this position in January replacing Mark Bromley who is running for Circuit Court Judge in Walworth County. Dan has been active the last few years by being a member of the Town's Planning and Zoning committee and the Town's Finance committee.

Dan has fond memories of growing up in LaGrange surrounded by family and friends. He graduated from Whitewater High School and then attended University of Wisconsin - Stout. After college graduation Dan settled in Madison working for JP Morgan managing their High Net Worth division. In 2005 Dan and his wife, Traci, purchased the farm that has

been on his mom's side since 1857 located at W5910 Greening Road. After a year long extensive remodel they returned to LaGrange to raise their family. Dan is a partner with Cedar Point Investment Advisors located in Milwaukee. Dan and Traci have three children, Elizabeth (10), Alexandra (8) and Nicholas (4).

Dan's motivation to be on the Town Board stems from wanting the opportunity to help shape the future of LaGrange. He is an advocate of preserving the Agricultural Land, supporting Conservation Subdivisions and working with the Lake District. He believes in the common sense approach in dealing with issues only using government intervention as a means to preserve the community and its constituents.

John's Disposal service

The covered garbage and recycling containers continue to be used, and John's Disposal Service will be making the collection on the regular assigned day which is Monday for most of the Lake properties. PLEASE ASK A NEIGHBOR THAT LIVES NEAR YOU YEAR AROUND TO MOVE YOUR CONTAINERS BACK TO YOUR HOUSE AFTER COLLECTION IF YOU ARE THERE ONLY ON WEEKENDS. The containers may interfere with snow plowing and certainly they detract from the beauty of our property when left next to the road all week.

As a reminder you may go to John's website www.johnsdisposal.com, and you may print out a calendar for 2010 that has dates for garbage, recycling and trash pickup. If you do not have computer on line access, you may telephone John's Disposal (1.888.473.4701), and they will mail you a copy of the pickup schedule.

The garbage and recycle containers should be placed at the edge of the road and on either side of your driveway. Please keep six feet of clearance between the containers and other objects especially mailboxes, trees, and your Town of LaGrange number sign.

Recycling from the green container is picked up every other week.

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John's Disposal Service asks that we do not put recycling in plastic or paper bags. One exception is shredded paper. Please put all shredded paper in a clear plastic bag that is tied. This is placed in the recycling container. Trash is collected once per month and you need to check the schedule to determine the exact date.

**Lauderdale- LaGrange
Fire Department**

- 2009 Department Highlights.

The volunteer fire fighters and EMT's serving the Lauderdale-LaGrange Fire Department responded to 157 total calls for support during 2009. Total calls were 36 lower in 2009 than in 2008, and the Department averaged 3.0 call responses per week during 2009. Once again the Emergency Rescue Team had the most activity answering 119 calls for assistance, also lower than the 138 in 2008. Fire fighters responded to 38 calls in 2009. On average over the past three years the Department responded to 182 calls per year. That is the equivalent of 3.5 RESPONSE CALLS EACH WEEK.

The new ambulance rescue truck was placed in service in 2009, and this culminated a three year effort to plan the vehicle design, select a supplier and raise the funds to purchase the ambulance. A new 12 lead heart monitor was purchased and placed in service. This specialized monitor allows data transmission directly to the hospital during patient transport resulting in Emergency Room Doctors planning special tests and treatment before the patient arrives. Time is saved and with heart attack patients this results in a higher probability of successful treatment. A new Kubota All Terrain Utility Vehicle was donated to the Department. This vehicle is being equipped with a special water tank and equipment to fight brush fires. It will also be used to transport an injured person from hiking trails or wooded areas that the ambulance cannot reach.

The Department ended the year with a Volunteer Staff of 42 Firefighters. This is the largest volunteer staff in several years. Department Chief John Curly Duerst stated that "He is very thankful for the

dedication of all the volunteer fire fighters. Their enthusiastic participation, dedication to training, and unselfish contribution of personal time to the Department make this one of the best Volunteer Departments in the State." Chief Duerst also said, "The Department Fire Fighters express their heartfelt thanks to all the property owners and residents in the Town of LaGrange for continued support through fund raising efforts and participation in Department events. Without your support we could not have the trucks and equipment to safely and effectively meet the community need for emergency service. Your support has been and will continue to be an important aspect of our Department success, and we thank each of you for your support!"

- Annual firemen's dance to raise money for department equipment

The Lauderdale-LaGrange Fire Department's annual dance will be held on **Saturday, April 10.** Tickets will be mailed to Town of LaGrange property owners and residents about three weeks before the dance. The proceeds from the dance will be used to purchase additional turn out equipment, additional radios and other equipment needs.

- Will a fire truck get to your home?

Living in the Town of LaGrange close to The Lakes, State Forests, farms, and away from the city is both peaceful and relaxing. We have a truly beautiful area with many trees to enjoy. However, we also have many narrow roads and driveways that make it more challenging for Fire Trucks and Ambulances to reach you during an emergency. In addition our beautiful trees are close to the narrow roads, and often have low hanging branches. Fire Chief Curly Duerst asks all homeowners and residents to be sure and trim your tree branches. The emergency trucks are large, and they must have a **MINIMUM 12 FEET** of clearance above the road and driveway surfaces. Branches should not extend into the road or driveway below the 12 FOOT height. Look at your property now as winter is the best time for tree trimming. Having this work done in the winter will protect the many oaks and other trees that could be damaged by insects and other diseases if trimmed during spring and sum-

CALENDAR OF EVENTS

<u>DATE</u>	<u>2010 EVENT</u>
4-6	LaGrange Town Supervisor Elections
4-10	Fire Dept. Dance
4-24	Boating Safety Course
5-1	LLIA Directors Meeting
6-5	KMLT Annual Meeting
6-12	LLIA Annual Membership Mtg
6-12	Boating Safety Course
6-26	Boating Safety Course
7-17	Children's Fish Jamboree

mer months. Trimming in the summer months may result in your trees dying from disease in subsequent years. Hopefully you will not need the Fire Department, but if you do be sure it arrives without trees damaging the truck or ambulance.

**TOWN OF LAGRANGE
TOPICS**

By Rick Callaway

Sterlingworth leak

Last October 25, 2009, a leak was discovered from the Sterlingworth Bay through the ground into some old broken storm sewer pipes then down Honey Creek behind the dam. The Town of LaGrange was immediately notified and reacted fast, contacting a construction crew working on a project on Pleasant Lake. The crew brought up their equipment and steel dam sheeting, damming the flow.

The situation is now stabilized. However, a permanent solution is needed. The Town has requested the engineering firm of Crispell-Snyder, Inc., to prepare recommendations for a long term solution. Several recommendations have been provided and the Town is in the process of deciding in which direction to proceed.

Do you need to make pier improvements???

Each year many homeowners around the lake need to make some pier or dock improvements and sometimes replace a pier. The Towns of LaGrange and Sugar Creek have Pier Ordinances that must be followed. And each year problems arise

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when owners do not follow the ordinance regulations resulting in excessive cost to remove or remodel a pier that has been incorrectly installed or changed per the ordinance regulation.

Following the procedure to make pier changes is easy:

- **First** read the pier ordinance on the Town Web site or in the LLIA Directory (page 35).
- **Second**, contact the LaGrange Town Building Inspector Greg Guidry 262- 903-5932 or Sugar Creek Building Inspector Vince Budiach 262-366-2400 and show him the sketch and dimensions of your existing pier and/or new or remodeled pier proposal for your property. The Building Inspector will advise you if a building permit is or is not required, issue a permit, or recommend that you take your proposal to the Town Board for a variance consideration.

Remember that you, as the property owner, are responsible to obtain the permit and assure legal conformance. A contractor may state they will do this for you, but it is the property owner responsibility to be sure that the Building Inspector has been contacted and appropriate approval given.

The Towns have revised the ordinance to make it easier for repairs to be completed. Still you need the concurrence of the Building Inspector. The Lauderdale Lakes Lake Management District in cooperation with the Towns has surveyed the piers and non conforming piers noted. Property owners will be contacted to bring their non conforming piers into conformance beginning in 2010.

LaGrange Beach and Boathouse Park shoreline restoration project

2010 will be the second full year of your project for erosion and sediment control. Normally, it takes four full years for such a project to mature, which has proven to be the case for a similar project my wife and I have developed on our own property on Pleasant Lake. The Town of LaGrange project is on Middle Lake adjacent to the Landing Restaurant and was partially funded by Walworth County

and the Wisconsin Department of Natural Resources.

There are three component parts to the project.

1. The first 35 feet back from the shoreline
2. From this line to the road
3. A stormceptor unit to collect floatable materials, sediment and other runoff

Plantings for parts 1 & 2 intentionally have deep root systems to act as runoff filters and keep the soil in place. Both came in as intended in 2009. However, the first 35 feet came in almost fully matured with a riot of flowers and color.

The second part takes longer to mature and perhaps will not be fully matured until 2012. Wheat and oats were planted in this area, along with native grasses and flowers. The first year the wheat and oats are prevalent and to many look like a farm field. Since they are annuals they give way to the other plantings in the second and third years, being virtually non existent the fourth year. This is exactly what happened on our property. We were so frustrated during our first full year we started to mow. Fortunately, our neighbor Lars Higdon stopped us and pointed out we were not only cutting down wheat and oats but destroying other plantings like no-mow grass, black-eyed susans etc. which take two to three years to mature. Our patience was rewarded last summer by a variety of different flowers which kept blooming at different times from spring through fall. The one thing we would do differently is to plant more no-mow grass. While it does not mature until the third year it is an excellent cover, tough enough to stand the assaults of five year old grandchildren.

The stormceptor system is fully functioning and needs minimal maintenance.

As part of the project we have an extensive maintenance plan, including suggestions for future plantings. We will be putting up three or four signs this summer explaining what the project is all about.

NEW BEGINNINGS AT THE LAUDERDALE LANDING

By Mike Healy

The Lauderdale Landing changed ownership for the first time in nearly twenty years this past December. And with new ownership comes new ideas and thoughts about the future of the Landing and what it means to the community that it serves. With roughly 1,400 homes on or near the lake, the Lauderdale Landing has been a destination for boaters, fishermen, snow-mobilers, and families around the area for years. As new owners and old patrons of the Landing we know the importance this place has to the lake area, which brings us to our long laundry list of improvements and upgrades we are attempting to accomplish.



The first thing my brother and I noticed when walking through the place with a critical frame of mind was the condition of the men's and women's bathrooms. Consequently, this was to be the first project we decided to tackle. We started the remodel with the men's room first, expanding it into the hallway dining area, nearly doubling it in size. The new configuration will allow for greater capacity and handicap accessibility. The women's bathroom remodel will follow shortly thereafter, following a similar approach and hopefully will be a pleasant surprise for you ladies out there.

These two renovations are going on simultaneously with another improvement, the dining room; our biggest change coming from the second bar we are constructing in the north corner of the room. The thought is [hopefully] this additional bar will

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alleviate the congestion in the original bar on busy nights at the Landing. Hardwood floors are in the works as well, along with new tables, chairs, a fireplace in the back and an overall attempt at a “casual rustic” feel. We are very anxious to see how the final result turns out. For those of you who love the original bar furnishings and layout (the old bowling alley lane turned bar), we couldn’t agree with you more. This is why we are doing minimal remodeling in the main bar area, with the exception of additional seating and adding some new flat screen TV’s for upcoming sporting events. And don’t worry, we plan on taking care of Packer and Bear fans alike. During the summer months there will al-



ways be a TV for a Brewer or White Sox game, but as die-hard Cub fans, we expect nothing but Cubby blue next October.

Once the weather warms, the ice thaws, and that first nice spring day emerges, we can begin undertaking the outdoor improvements. The current state of the piers is unsatisfactory and we would like to focus on that first. Our plan, upon DNR approval, is to remove the existing piers, dredge the bay surrounding the Landing, and construct new piers, adhering to the existing layout. This pier improvement will hopefully coincide with our plans for the future of the outdoor bar and front yard. We would like to give the outdoor bar a facelift and improve the overall appearance of the structure. Secondly we plan on building a deck in the front yard finished with a canopy and outdoor seating. With additional seating and a little fix-me-up above the marina, we foresee plenty of fun-in-the-sun come summertime.

Our ideas aren’t limited to only the architecture and design of the bar and restaurant. We also have plans to start hosting fun events, tournaments, and leagues, utilizing the newly remodeled grounds around the Landing. Alpine Valley concert bus trips, golf outings, bean bag tournaments, etc. are some of the ideas we want to introduce along with keeping traditional events such as the Improvement Association Children’s Fishing Jamboree and the Lauderdale/LaGrange Fireman’s annual outing.

Furthermore, a new menu is currently being developed. We are starting off with upscale pub food, the typical menu items you might expect from a bar, but done right. We have a few curveballs on the menu, which hopefully will go over well with everyone, as they have with many family and friends back in Chicago. A Friday night fish fry is definitely in the working, as well as a Mexican themed night, half priced pizza, happy hours, and things of that nature.

There is almost too much to cover in this short article to encompass the plans and

prospects we have for this place. However, we are launching a website very soon: www.lauderdalelanding.com, which will give up to date details on what we are doing and where we are taking the place. Please visit it if you get a chance.

Originally, we were determined to open as soon as possible, however, after further thought; we have decided to hold off making sure the remodeling and construction won’t interfere with our patrons. At this point, we feel it is better not to announce an official date for opening but believe us; we are trying our best to move things along quickly. We are currently set on having a “Grand Opening” party for Saturday, May 22. We foresee the Landing opening well before then but would really like to celebrate once most of the lake community can attend.

Marty and I truly look forward to meeting everyone over the coming months and welcome back the familiar faces we have met over the years.

KETTLE MORAINÉ LAND TRUST (KMLT) **By Jerry Petersen**

Our land trust enters the new year with renewed dedication and enthusiasm. Our Board is stronger, with two very committed new members, and our community support is building. This is attested by the fact that the Delavan Lake Sanitary District has agreed to fund us to perform a multi-year program to reduce non-point source pollution from flowing into their lake from their large watershed. In turn, their support has enabled us to add a full time staff person to our team, and to open a stand-alone office. More specifically, Ms. Maggie Zoellner has accepted our position of Program Manager starting March 1st, and will initially be located in a KMLT office at Lutherdale. She brings us over 20 years of experience with conservation management. Most recently she has managed over \$3 million in projects for the Lake County Forest Preserve District in Illinois. She, and we, are very excited about the things we can do together to make Lauderdale an even more special place.

She will be working with our Board to strengthen our programs at Lauderdale, while launching programs at Delavan and Beulah lakes. We plan to grow our youth education programs using Island Woods, further restore Island Woods and expand our trail system there for your enjoyment, seek new Conservation Easements near the lake, continue encouraging Conservation Subdivisions, and expand our Outreach in the lake community.

We want to “go green” as soon as possible with our communications. This means we need your cooperation to share your e-mail address with us so that we can electronically bring you our newsletter and other land trust communications. I know many Lauderdale folks have shared their e-mail addresses with the Improvement Association. I ask that you also share this information with us, so that we can do a better job for the lakes community. One easy way to do it is to e-mail us at info@kmlandtrust.org.

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Our Annual Meeting will be on June 5th. It will be at either Michael Fields in East Troy (as it was last year) or at Lutherdale. Put it on your calendar. We will have an interesting nature speaker, and another great door prize. More land trusts are teaming with groups such as Ducks Unlimited, and Turkeys Forever, to protect habitat, and we are working to build these alliances. Watch our web-site "kmlandtrust.org" for current activities. If you have questions or suggestions, don't hesitate to call Jerry Petersen (262-742-2367), and please help us near term with a donation using the below form and by sharing your e-mail address.

LAUDERDALE LAKES SAILING CLUB
By Peter Van Kampen

Sailing Club: The Hard Water Season

Sailing Club: The Hard Water Season lasted just 2 days on the lakes. By the time the ice was thick enough we got in 2 days of very nice ice sailing but then came the snow and we stepped aside graciously to the snowmobilers. Now that we have had a January Thaw and the rains have cleared the ice, the opportunity is there again. Plans are underway for the next sailing season on Lutherdale. We have 14 races

planned, 3 parties planned and are hoping for happy winds. We have approximately 20 MC Scows in our club and average 15 boats racing each weekend. Many of our racers have been in the club for years and others are beginners. We offer free advice on boat selection and sailing for all newcomers. You will notice that the free advice will diminish as soon as you begin finishing at the front of the pack. Check out our web page to get a better idea of what we are all about. www.lauderdalesailingclub.com. Why not give that ski boat a rest, learn a new skill you'll be proud of and join a great bunch of people for a few hours of summer fun on Sunday morning. There has never been a better time to step up and give it a try.

LAUDERDALE LAKES LAKE MANAGEMENT DISTRICT (LLMD) TOPICS
By Peter Van Kampen and Nestor Dyhdalo

"CBCW": Clean Boats / Clean Water

The Lake District initiated a pilot program of educating boat owners on the damage that can happen to these Beautiful Lakes if we allow other invasive species to enter the Lakes.

CBCW is a State sponsored program that is being taken up by individual lake

groups. Lutherdale is the second lake in Walworth County to initiate this program. In 2009, we had one man monitoring the boats being put in and taken out at the various launch sites. His primary role is educating the boaters by telling the "Story" and handing out literature. We are very pleased to report that the responses have been very positive from the boat owners and we plan to expand the launch coverage in 2010. Wisconsin has passed a NEW LAW prohibiting the transport of invasive species. That means if you put in your boat at a launch site and pick up a few floating weeds on your trailer you can get a ticket from any law enforcement officer for transporting an invasive specie. The State is getting very serious because there are some serious invasives out there and we need to help keep them from spreading. There is a fish virus going around capable of killing all game fish in these Lakes. There is a plant that is much more aggressive than the Eurasian Millfoil we already have. We remove 400 tons of Milfoil a season. This other plant, Hydrilla, cost a lake in Indiana a Million dollars to eradicate over several seasons. We need to keep these invasives out and this program will spear head this effort. If you are interested in helping out with this program you can contact Floyd Pochowski 262-742-3568.

LOI, Lake Ordinance Inspector

We are all set with a new team for the 2010 season. We have submitted reports to the Town for enforcement on some oversize piers last Fall. We intend to continue this activity throughout 2010 as well as monitor all new piers going in for conformance. Remember you can replace your entire pier whenever you like but you must first get a permit from the Town of LaGrange, even if you are in the Town of Sugar Creek, you must get a permit from the Building inspector before replacing the pier. As long as your new pier conforms to the Ordinance you will receive the permit the same time you apply. During the fall of 2009, we took pictures of the entire shoreline of the Lakes. This was done in 1999 so we are building a useful tool as well as a history of lake development. This season we will be working with the Town to continue to simplify the Pier Ordinance at the same time of working

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KETTLE MORAINÉ LAND TRUST (KMLT)

Yes, I'd like to contribute to the KMLT effort to protect our lakes. All contributions are tax deductible.

Name _____ (Permanent Phone) _____

Permanent Address Street _____

City, State, Zip _____

Lake Address Street _____

City, State, Zip _____

Pier # (e.g. LL#) _____ E-Mail _____

Matching funds requested _____

Amount of contribution _____

\$ _____
Please make check payable to:
Kettle Moraine Land Trust

Mail with this form to:
KMLT
P.O. Box 176

<u>Contribution Category:</u>	
Environmental Leader (\$1000 and above)	___
Environmentalist (\$500 to \$999)	___
Guardian (\$250 to \$499)	___
Park Ranger (\$100 to \$249)	___
Naturalist (\$50 to \$99)	___
Conservationist (\$25 to \$49)	___

BECOME A MEMBER AND STAY INFORMED

By Rick Callaway

The Lauderdale Lakes Improvement Association, LLIA, is your introduction to, and ongoing source of what is transpiring in the greater Lauderdale Lakes community. Membership is \$35.00 per year and includes a Directory which is updated and reissued every other year.

Features of the Directory include emergency contacts and officers and board members of :

1. The Lauderdale Lakes Improvement Association
2. The Lauderdale Lakes Lake Management District, LLMD
3. The Town of LaGrange
4. The Town of Sugar Creek

Other groups included and introduced in the directory are:

1. The Water Safety Patrol
2. The Kettle Moraine Land Trust
3. The Lauderdale Lakes Aqua Skiers
4. The Lauderdale Lakes Riders
5. The Lauderdale Lakes Yacht Club
6. The Lauderdale Lakes Sailing Club
7. Important Walworth County and Wisconsin Department of Natural Resources (DNR) contacts are also provided.

Members are informed about applicable local and state ordinances and how to obtain necessary building permits, including permits for new piers and improvement of existing piers.

Also provided are the local and permanent addresses and phone numbers of all residents and property owners within the Lauderdale Lakes Management District. This is done alphabetically and by sub-division.

Many local business and service providers support the LLIA by advertising in our Directory, another source of local resources.

Ongoing and developing information is provided in the "LLIA Shorelines" which is sent to all members quarterly. This Shorelines issue has been mailed to all 1600 addresses within the Lauderdale Lakes Lake District.

New members and former members, who have not renewed membership for the past five years, will receive a copy of "A History of the Lauderdale Lakes" published in 1992. The starting point is the land formation during the ice age, the great Wisconsin Glacier and early homesteader of the 1830's.

Other reasons to become a member of the LLIA

1. The Association performs water quality tests of our lake and supplies the information to the Department of Natural Resources and various government environment agencies.
2. The Association works closely with the DNR and annually stocks fish in our lake. The LLIA also works with the DNR to survey fish population, fish size and health in preparation for stocking different fish varieties.
3. The Association sponsors an annual "Children's Fish Jamboree" to encourage and educate our youth to the sport of fresh water fishing.
4. The Association created and maintains a web site, www.llia.org, to communicate timely status of events and the website also supplies a wealth of community information.

Thank you for being a member of our Improvement Association and for considering membership for yourself and others. A 2010 membership form is included with this Shorelines.

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toward the long term goal of 100% conformance.

Boat Launch Fees

At the direction of the DNR, the Town of LaGrange instituted a \$3 launch fee at each of the public launches on Lauderdale Lakes a couple of years ago. The launch fee is a fee for using the public launch ramps on the lakes as well as a parking fee for vehicles using the parking facilities at the launch ramps, irrespective of whether they are using the boat launch facilities.

We would request that if you are not launching a boat that you leave the limited parking spaces available for those boaters needing a parking space for their vehicles and boat trailers.

The launch fee is a daily fee for transient boaters; each daily launch requires an additional \$3 fee. An \$20 annual pass is available for frequent users of the launch ramps. Daily users are required to place the receipt on the dashboard of their parked vehicles.

The revenue generated from the launch fee is used by the Town to maintain the launch ramps and to contribute to the funding of various lake-oriented projects like the Clean Boat/Clean Water initiative.

If you are a home owner on the lake, you also need to pay the \$3 launch fee for each boat that you launch. However, no additional fee is required for you to remove your boat at the end of the season. We ask that you **keep the receipt of your payment of the launch fee on your boat**. The Water Patrol may ask to verify your payment of the launch fee should you get stopped on the lake. As a point of interest, the fine for not paying the launch fee was \$155 last year.

Where is Your Boat Registered?

This year many boat registrations in Wisconsin are expiring on Mar. 31, 2010. If your registration is expiring, please be sure you renew your registration before boating on our lakes. We're also noticing that many boats on our lakes are registered in Illinois. This may have made sense when you first brought your boat to Wisconsin, but not now. There are at least 4

reasons that you should register your boat in Wisconsin:

1. Depending upon the size of your boat, it is probably less expensive to register it in Wisconsin. For example for a 16-to-26 foot boat, you will pay \$52 for a new registration and \$45 for a renewal registration in Illinois. In Wisconsin, you would have paid \$37 (new) and \$32 (renewal) respectively for that same boat this year. As an added convenience, the WI DNR will mail registration renewals to the boater's permanent address.
2. With more boaters appropriately registering their boats in Wisconsin, it will help keep the registration fees low for everyone.
3. The most important reason for registering your boat in Wisconsin is that when you register your boat in Wisconsin, the fee supports the Wisconsin DNR which funds water safety and many other programs benefiting our lakes. On the other hand, when you register your boat in Illinois, none of that money goes to support our lakes in Wisconsin. Our Lauderdale Lakes Water Patrol receives anywhere from 60-75% of its funding from the Wisconsin DNR, keeping your Lake District taxes lower. The WI DNR needs more money and the foundation for their funding is registration revenue. So please do your part in supporting your lake and the WI DNR. Register your boat in Wisconsin.
4. The final reason to register your boat in Wisconsin is that it is the law. According to the WI DNR, if Wisconsin is the state of principal use for your boat, you must register your boat in Wisconsin. A somewhat related rule is that even if Wisconsin is not the state of principal use but you keep your boat in Wisconsin for more than 60 days (including storage time), you must register your boat in Wisconsin.

So please register your boat in Wisconsin. You can get information and the necessary forms online by going to the Wisconsin DNR website at

<http://www.dnr.state.wi.us/> and follow the links to boating registration.

Boating safety courses 2010 **Ken Blanke**

Three Wisconsin DNR-sanctioned boating safety courses will be offered this spring by the Lauderdale Lakes Water Patrol. The two-day class dates and locations are as follows:

April 24-25 Lutherdale Bible Camp – max class size 40 – pre-register by April 17

June 12-13 La Grange Town Hall – max class size 25 – pre-register by June 5

June 26-27 La Grange Town Hall – max class size 25 – pre-register by June 19

The Lutherdale Bible Camp is located at N7891 US Hwy 12, Elkhorn, WI and the La Grange Town Hall is at N7899 County Road H, Elkhorn, WI.

Call this number to pre-register for the class to ensure there is an available seat as these classes fill up quickly 262-882-2030. When pre-registering, in addition to the class date, please be prepared to leave the correct spelling of the student's name, date of birth, a contact name and telephone number.

Each student must have a DNR Customer ID. To obtain this ID call 888-936-7463, 7 days a week, 7 AM – 10 PM. Bring this number with you the day of class as part of the final registration process. There is a \$10 course registration fee that will be collected during registration on the first day of the class.

The courses are open to adults and to children, 10 years and older. A parent must accompany their child to course registration which will take place between 8:30 – 9:00 AM on the first day. The formal class will start at 9:00 AM. The classes will run until 4:00 PM on the first day (Saturday) and until approximately 1:00 PM on the second day (Sunday). Although complimentary water and soda will be provided, students need to bring a sack lunch. When attending the class, wear comfortable clothing and bring paper and pencils.

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There will be a written test at the end of the course.

Successful completion of a DNR boating safety class is required for anyone between the ages of 12 and 15 who wishes to operate a personal watercraft (PWC, which includes jet-skis, wave-runners etc.), or wishes to operate a conventional powerboat without an adult onboard. Additionally, there is a **NEW LAW** which states that anyone born on or after January 1, 1989 (and at least 16 years of age) must have a boating safety certificate in order to operate a powerboat Wisconsin's waterways. So if you will be 21 this year (or are younger), you need a boating certificate to operate a PWC or a boat (without parental supervision).

Anyone interested in the availability of other courses may call 800-336-BOAT or visit the Wisconsin DNR website at www.dnr.state.wi.us for more information.

IMPROVEMENT ASSOCIATION WEB SITE

By John Antonic

Happy New Year to all, I am sure most of us are looking forward to warmer weather and getting back on the water.

I was reminded that the garbage pickup schedule needed to be updated. You can find the 2010 schedule with the TOPICS button. I have also added a link to John's Disposal Service that can be found in LINKS (Municipalities) that will take you directly to John's Disposal web site for information about refuse, recycling, and yard waste services.

SHORELINES has been updated and now displays all publications for 2008 and 2009.

MEETING NOTES also, has been updated and shows LLIA Directors Meeting Minutes for 2008 and 2009.

Directors meetings scheduled for 2010 has been added to the LLIA Calendar, I will be adding other events as I become aware of them.

If you see something on the web site that needs attention please let me know, and I will try to make a correction.

Visit our web site at WWW.LLIA.ORG. I can be emailed at: jantonicc@hotmail.com or telephone 630-964-0393.

FISH COMMITTEE REPORT By Greg Schindler & Jim Frenchy

The hard water fishing must be good this year judging by all the cars and fishermen on the ice. We have had a really good freeze early and have several reports of nice catches. Be really careful driving on late season ice.

The fish stocking planning for this year is in works and we are working with the D.N.R. to get our permit. Last September, we released small mouth bass. This year, will be walleye or bass.

The Children's Fish Jamboree is scheduled for **July 17** at the New Lauderdale Landings. The Landings has new owners and we are working with them to have a great outing for the kids.

Registration is from **8 AM to 11 AM** Gifts and lunch starts at noon. The Kettle Moraine Land Trust (KMLT) and Yacht Club will be joining us to make this a fun day for the kids.

LAUDERDALE LAKES HISTORY ARTICLE By Kathryn Ingle Calkins

Greenhurst

Along the east side of Green Lake south of the Pebble Beach development lies a segment of shoreline known as Highland Park. The stretch is graced by several older cottages including Greenhurst (LL11), a dark brown Arts and Crafts style home built in 1911 by H. U. Morton. Suzette Sorenson, Mr. Morton's granddaughter, still owns the cottage, and told its story to the history column.

H.U. Morton began visiting Lauderdale prior to 1910, renting LL16, which still stands and was owned by the Brownell family, Mrs. Sorenson said. The Brownells also owned land further north of that cottage up to where the old Strike farm descended west to the water from Highway 12. Morton, who owned Morton Manufacturing Co. in Chicago, bought the land from the Brownells and built LL11 out of fir lumber that came from Oregon. "It was board and batten inside, all dark stained wood throughout," Mrs. Sorenson said.



The cottage as it looked for the Sorenson's lake wedding in 1950. Note the fieldstone fireplace, 8-paned windows and double columns on the porch.

Mrs. Sorenson said that the footprint of the cottage remains the same as the original. There were four bedrooms upstairs as well as a full bath. Walker Johnson, lakes resident and architectural historian, told the history column that the cottage is a wonderful example of the Arts and Crafts architectural style. "It is exquisitely crafted," he said. "The attention to detail sets this house apart as well as its simplicity of design and sensitivity to its environment. It was positioned to catch the breeze and take in the lake view." This awareness of the house as part of its surroundings was a central theme for this style.

Johnson listed some of the home's typical Arts and Crafts details, including the gabled roof ends supported by a ladder-like construction, the dark staining to blend with the terrain, and double columns

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on the porch that have a spacer between them with a large hole placed in it. "This is a lovely decorative element," he said.

The cottage was built for summers and had a two-story screened porch along its north side, the upper floor of which was a sleeping porch opening off two upstairs bedrooms. H. U., his wife Ida and their son Charles Morton (Chuck) lived in River Forest and used the cottage for a summer home for many years. In 1937, Chuck, who by that time was Greenhurst's owner, purchased the farm along the lake to his north, which had been owned by a farmer named Strike. Chuck sold off three home sites in the bay that came with the farm and rented out the acreage and farmhouse, which they then named Greenhurst farm, according to Mrs. Sorenson.

She has a framed letter from George Brownell stating that many years ago roaming bands of "Indians" had camped on the land near the Pebble Beach Point and that he had found many Indian arrowheads as a youngster, most of which were broken or incomplete.

She recalled that while she was growing up, there was a turnstile and cowpath along the water through the farm up to the present LL6, where Gladys and Russell Luckow lived. The cottage is a large white structure that stands back from the water. "I would play with their girls, Bobsie and Jacqui. My family had a big bell hung up on a lattice structure over our well, and when they rang that I would hear it and know it was time to come home," she said.

The Luckows had a farm called Gladhurst north of the Greenhurst farm, and they kept horses there that the girls could ride. When Chuck and his wife June retired to Lauderdale in 1947, June added a path and a rail fence from the house down to the point and the bay, which was filled with water lilies. This is now near the Pebble Beach swimming area. The rail fence ran through the cow pasture, and Mrs. Sorenson noted that the cows occasionally escaped into the Mortons' yard, where she and her siblings would chase them back.

Upon retiring, Chuck Morton winterized Greenhurst, enclosing the screened porch on the first floor and making a closet and

master bathroom out of part of the sleeping porch. He added central heating and a full basement.

The original boathouse remains part of the property but is too narrow for modern boats. Also, its craftsman-style roof blew off in a big storm in 1954. According to notes written by Mrs. Sorenson's mother, more than 40 trees on the property came down in the same storm. The loss prompted Chuck to build a second boathouse in the 1960s. In 1974, Mrs. Sorenson and her husband Ed removed the front of the original boathouse and filled it in to be used for storage and a lakeside sundeck.

Chuck also moved an original one-car garage and built a three-car garage with living space upstairs that the family calls the "Garlow", combining the words "garage" and "bungalow." He added a tennis court with views of Green Lake in about 1967.

Mrs. Sorenson remembered that Chuck and June had many friends around the lakes and were heavily involved in saving the golf course in the 1940s. She recalled attending Topsy Turvy parties at the home of Earl and Florence Deakin (pronounced DAY-kin) on Deakin Island as a child. Some were costume parties, and Mrs. Sorenson won a prize at about two years old when her father dressed her as Miss Lauderdale.

Florence Deakin was a close friend of June's and gave her a trunkful of woodblock prints from the orient, some of which June gave out as prizes at the card parties held in the new golf clubhouse addition to raise money for the course. Mrs. Sorenson still owns several of the prints.

Ed (a.k.a. "Red") Sorenson also grew up on Lauderdale at what is now LL120, which still stands just north of the entrance to Sterlingworth Bay on the East side of Mill Lake. Mrs. Sorenson met him when she was 13 years old at a party where they drew each other's names as partners for a scavenger hunt. "We were both assigned to the rumble seat of Sid Anderson's car," she said. Some years later, following Red's release from the armed services, Mrs.

Sorenson met him again at a Lauderdale golf tournament. "I was selling pop at the second tee, and Red came along and asked me to a movie."

The two were married on the North lawn at Greenhurst on May 27th, 1950. "We had a tent up, and Gapers of Chicago catered. Red's brother sang, and we had gardenia trees and pink hydrangeas up all over," she said. "I think my mother was very brave to do that. It turned cold at the end of the day."



An up-to-date photo of Greenhurst looking at the Northwest corner of the home. The dark staining and large roof overhang are typical of the Arts and Crafts architectural style.

On another point of Lauderdale history, Mrs. Sorenson still has a trophy that her grandfather, H.U. Morton, won in 1912. On it, a plaque reads that the trophy was given by the Lauderdale Lakes Yacht Club to motorboat owner H.U. Morton for his boat, "Greenhurst."

"Two-time winners of season event become owners of the trophy," it states, proving that there was an active yacht club at the time. Readers with further information on this point are encouraged to contact the history column. -- Kathryn Ingle Calkins

Contact the history column at kathryn.calkins@gmail.com

**LAUDERDALE
AQUA SKIERS
Alan Meike
President, Lauderdale \
Aqua Skiers**

The Lauderdale Aqua Skiers are looking forward to a great 2010 season on Lauderdale Lakes. We have already started indoor practices, developing a new theme, designing costumes and repairing equipment in preparation of the summer. There is more excitement with the club than I've seen in many years.

We are very excited and relieved that the multiple citations issued to the Lake Management District and the Lauderdale Aqua Skiers by Walworth County were all dismissed by Judge Gibbs at the Circuit Court and the dismissal was upheld by the Wisconsin Court of Appeals. The transcript of the Court of Appeals stated, "The County does not appeal the trial court's determination that the activities that happened on the shores of Lauderdale Lake, which formed the basis for the issuance of the citation, do not constitute a violation of the County's shoreland zoning ordinance. In other words, the County does not have a quarrel with the trial court's conclusion; it's only complaint is with how the court reached that conclusion."

In the transcript of the December 16, 2008 Circuit Court Trial, Judge Gibbs stated, "I think this was just another unfortunately what looks to me to be an abuse of government power to deal with a private dispute." He later states regarding the citations and ordinances, "I think first of all not one of these sections was applicable to these situation. They had to stretch and twist and go into an absolute bureaucratic pretzel to make these things possibly fit. They didn't fit."

The Lauderdale Aqua Skiers find it extremely unfortunate that these events resulted in unnecessary time and money for our club and the Lake Management District. The money spent defending our position should have been used more productively to benefit the lake community.

In a time where there are few family-oriented activities, the

Lauderdale Aqua Skiers have provided generations of families an opportunity to participate and enjoy in a unique family sport. We feel we have been a valuable and integral part of the lake community, and a constructive asset to all of Walworth County.

We greatly appreciate the support of the Lauderdale Lakes Improvement Association, Lauderdale Lakes Management District, LaGrange Town Board, and the Lauderdale Lakes Yacht Club. For more information about the Lauderdale Aqua Skiers, please visit our web site, www.aquaskiers.com.

**PADDLING CLUB
FORMING IN 2010
By Kevin Henderson**

Do you enjoy venturing out on the calm waters of the early morning and exploring the beauty of the lakes in your personally powered watercraft? In just a few short months the ice will melt and it will be time to start paddling again!

In the past few years I've observed an increase in the number of paddlers on the lakes. The August 2008 Shorelines indicates that almost 250 canoes and kayaks had been counted around the lakes and an additional 270 paddle and row boats. It would be great to see this increasing trend continue!

Last fall, the Yacht Club pledged support for the forming of a Lauderdale Lakes Paddling Club in 2010. Plans for the Paddling Club will be presented to the Yacht Club on March 28th.

Some benefits of a Paddling Club include meeting fellow paddlers, becoming a better paddler, promoting safe paddling, and preserving the lakes for future paddlers!

To share ideas on what would interest and excite you in a Paddling Club, to become involved in establishing the club, or to receive emails for club activities, contact me at kevin.henderson@comcast.net or 847-845-1147. I look forward to hearing from you!

Lauderdale Lakes Paddling Club: tell your family, friends and neighbors to be a part of the start! Paddle On!

**LAUDERDALE LAKE SIDE
SIGNS**

**(LL address signs)
By Jane Larsen**



The Lauderdale Lakes Improvement Association is offering outdoor "Lake Side" outdoor address signs, custom made with your LL cottage address on it.

We've had a lot of inquiries regarding the "old style LL address signs" that were posted on the lake side years ago. Note, it is illegal to post the LL address signs on the street side of the address.

We found a company in Illinois that makes street and safety signs for municipalities around the country.

The reflective sign will be very visible from the lake, and a great use for identification as well as safety.

The sign size is 18" x 6" in size and constructed out of .080 thick commercial grade galvanized aluminum and 3M Engineer grade reflective red with white lettering with 2 pre-drilled holes.

Price: \$15.00 each

All signs must be ordered by **May 15th**.

Signs will be available for pick up at the Lauderdale Lakes Improvement Association Annual Membership Meeting on **June 12th** at Lutherdale Bible Camp on Hwy 12 between 10:00 AM and 12:00 PM

Please go to our web site www.LLIA.org for more information and an order form:

A sample of the new red lake side sign will be available at the Lauderdale Lakes Golf Club by mid March.

For any answers to further questions contact Jane Larsen at Lauderdale910@aol.com.

WHERE HAVE ALL THE BIRDS GONE?

By A. J. Goldsmith

My Lauderdale Lakes neighbor Bob Wasco has been putting out four or five bird feeders for more than 20 years. Bob has told me that he is not seeing as many species as he used to see in past years.

Feathered visitors to my own bird feeder seem to slow down substantially in the later summer and early fall; I don't have to refill it so often.

I decided to ask DNR Bird Specialist Owen Boyle what he has observed. Owen lives near the Milwaukee River migratory corridor. The past two years he has noted 98 species at his backyard feeders.

Owen did make several points. One, he says that the numbers of grassland birds are declining as development decreases. He points out that grassland birds are not backyard birds. I'll talk more about that later.

Two, Feral cats (cats that run loose) impact the bird population and three, West Nile Virus has markedly depressed the numbers of Blue Jays and Crows in Wisconsin.

Grassland birds include Upland Sandpipers, Meadowlarks, Savannah Sparrows, American Kestrels, Northern Harriers and Short-eared Owls.

Each year, from December 14 to January 5, the National Audubon Society and the Wisconsin Society for Ornithology recruit volunteers to conduct the Christmas Bird Count.

Volunteers may contact Jennifer Rezek of Lake Geneva at 262-248-8884 (wbulg@sbcglobal.net) and Eric Howe of Palmyra at 262-594-5853 (cbc@hoyaudubon.org).

The following is a list of just some of the more numerous species reported by the Palmyra counters in 2007 and 2008.

	<u>2007</u>	<u>2008</u>
Canada Geese	341	227
Mallard	128	67
Wild Turkey	85	89
Red Tailed Hawk	18	45

	<u>2008</u>	<u>2009</u>
Rock Pigeon	291	189
Morning Dove	157	259
Downy Woodpecker	43	54
Hairy Woodpecker	19	28
Blue Jay	43	73
American Crow	574	409
Black Capped Chickadee	292	177
European Starling	685	236
Dark Eyed Junco	273	206
Northern Cardinal	80	170
Cedar Waxwing	0	23
American Goldfinch	126	93
House Sparrow	280	65

In Palmyra some 57 species were identified by 20 people during 50 hours of counting in temperatures ranging from 23 degrees to 28 degrees.

LAUDERDALE LAKES IMPROVEMENT ASSOCIATION WATER QUALITY REPORT By Dave DeAngelis

With the lakes freezing, lake water testing has come to a screeching halt. Mill Lake and Middle Lake were observed to be iced over on 12/11/09 and Green Lake iced over on 12/31/09. I've had a few neighbors mention to me that vast areas of the lakes were frozen much earlier than those dates. The criteria we use when reporting this data to the WDNR is that the lake is considered "ice covered" when the deepest part of the lake is totally frozen. The water quality testing for 2009 was completed on 11/11/09. The lake was tested 15 times over the course of the year. Pete Spaulding provided an overview of the 2009 results in the November 2009 SHORELINES, so I've decided to report some comparisons of the data from 2009 to prior years.

AVERAGE SECCHI DISC READINGS (Water Clarity in Feet)

	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
Mill Lake	5.0	5.8	6.5	5.1
Middle Lake	7.1	9.0	8.2	8.5
Green Lake	8.9	8.1	11.0	11.3

The average readings for Mill Lake appeared to be showing improvement with a slight drop-off in 2009. In looking at

Pete's report this past November, it looks like weather/lake conditions during the test may have affected those results. Middle and Green Lakes both appear to be trending towards steady improvement. According to the WDNR, the 2009 average for the Southeast Georegion was 9.1 feet, so you can see that we are well above the average for Green Lake, slightly below the average for Middle Lake and moderately below the average for Mill Lake. The water color for all three lakes was consistently reported as CLEAR and GREEN (Jul-Aug). As reported in the past, this makes sense considering that algae blooms are at their peak during the warm summer months. In some cases, the water color has been observed to be BLUE and CLEAR, usually in early spring and fall when the presence of algae has declined.

CHEMICAL TESTING 2008 – 2009

Chemical testing for the three lakes showed some inconsistent trends, but the results clearly show that our lakes are healthy in comparison to the WDNR Southeast Georegion averages. While there is some variation from lake to lake, all of the readings and trends indicate that our lakes are in good condition.

Mill Lake:

	<u>2008</u>	<u>2009</u>
Chlorophyll (µg/l)	5.5	8.3
Phosphorous (µg/l)	22.0	18.0
Trophic State Index (TSI)	48.0	51.0

While the average chlorophyll level appeared to increase, the average total phosphorous level dropped. The average chlorophyll level for the Southeast Georegion is 18 µg/l suggesting that Mill Lake is well below typical levels for our region. The Trophic State Index increased from 48.0 to 51.0 showing very little change. The current TSI level suggests that Mill Lake (deepest point) was eutrophic. Eutrophic lakes are characterized by decreased clarity, fewer algae species, oxygen depleted bottom waters during the summer, plant over-growth evident, and warm water fisheries only (pike, perch, bass, etc.).

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Shorelines



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Middle Lake:

	<u>2008</u>	<u>2009</u>
Chlorophyll ($\mu\text{g/l}$)	4.6	4.4
Phosphorous ($\mu\text{g/l}$)	14.0	14.0
Trophic State Index (TSI)	46.0	46.0

For Middle Lake, the 2008 and 2009 levels are nearly identical. The average chlorophyll level for the Southeast Georegion is 18 $\mu\text{g/l}$ suggesting that Middle Lake is significantly below typical levels for our region. The TSI level for the past 2 years suggests that Middle Lake (deepest point) was mesotrophic. Mesotrophic lakes are characterized by moderately clear water, but have a chance of low dissolved oxygen in deep water during warm weather months.

Green Lake:

	<u>2008</u>	<u>2009</u>
Chlorophyll ($\mu\text{g/l}$)	4.4	0.4
Phosphorous ($\mu\text{g/l}$)	12.0	12.0
Trophic State Index (TSI)	46.0	27.0

In contrast to the other lakes, Green Lake had a significant change in chlorophyll. The chlorophyll levels dropped significantly from 2008 to 2009 while the phosphorous levels remained the same. The TSI for Green Lake (deepest point) suggests that Green Lake is oligotrophic. Lakes with this TSI are characterized by clear water, many algae species, oxygen throughout the year in bottom water, cold water and oxygen-sensitive fish species in deep areas of the lake. Overall, Green Lake is the healthiest of the three lakes and is showing slight improvement year to year. Lastly, I want to say how much I look forward to the upcoming season. Pete Spaulding has done a tremendous job over the past several years heading up the water testing effort, and we are all grateful for his many hours spent coordinating the testing, managing the data interface with the DNR, etc. For those of you unfamiliar with the water testing program, it's a lot of work that requires both individual commitment and a big dose of teamwork. Pete and I are in the process of transferring this responsibility over to me, and he has done a great job of providing training and being a valu-

able resource. For the first couple of months after the lake opens, we still have a few test procedures to go over. If you see a boat on the lake very early in the season and wonder what a couple of crazies are doing out on the water, there's a good chance it will be us! See you on the lake!

Lauderdale Lakes Improvement Association Officers

Don Henderson, President, 262-742-4970
Ron Mueller, Vice President 847-635-5668
Herb Sharpless, Treasurer, 630-497-5152
Patricia Cady, Secretary, 262-742-4190
Floyd Pochowski, Executive Board, 262-742-3568
Bud Vance, Executive Board, 847-459-8127