



Lake Hartwell Association, Inc
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Letter from the President

Submitted by Mike Massey

THE LAKE IS STILL FULL! WHY? I am sure you have all noticed the lake is still close to full pool. While we are happy to have it that way, I guess the major question is why? The U.S. Army Corps of Engineers (USACE) usually always lowers the lake level to its “Winter Curve” depth of 656’ mean sea level (msl) or about 4’ below the full pool level of 660’ msl in the February/March time frame. What is the difference this year? The following information was recently sent to me from a USACE representative.

“Colonel Roger Gerber, USACE Commander of the Savannah District, has approved two special water releases (called “pulses”) from J. Strom Thurmond Dam of 16,000 cfs. These pulses are being made in accordance with The Nature Conservancy (TNC) ecological recommendations to provide some controlled flooding to downstream floodplains below the New Savannah Bluff Lock and Dam (NSBL&D). The resource agencies will be conducting monitoring relating to fish passage at the lock and dam as well as acquiring measurements downstream to access levels of inundation at some of the flood plains. The initial pulse is scheduled for March 15-19th and another in early April assuming favorable conditions.”

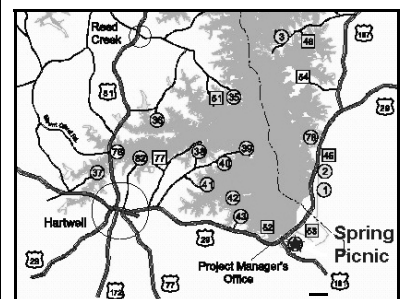
These pulses will require in Hartwell releases of approximately 7,500cfs during those periods – this is approximately 50% higher than normal during those two periods. Interestingly, the USACE also reports “This increased flow is made possible due to increased winter flood storage provided from Hartwell Lake whereby it was intentionally held near normal pool elevation 660’ msl or 4 feet above the normal winter draw-down elevation of 656’ msl. Also, rains over the last few months have increased to further negate impact to pool elevations or hydropower production.”

Bottom line – Hartwell Lake was held at a higher level to accommodate the planned pulse releases. The USACE tells us that this plan will mean Lake Hartwell probably will not drop below 658’ msl this winter. While this is good news to many of us, it leads me to wonder why it can’t happen every year.

Come to the LHA Spring Picnic. Please mark your calendars for Saturday, April 24th. That’s the date of the LHA Annual Spring Picnic open to LHA members and the public alike. This year our featured topic will be about one of the most exciting and important activities related to the future of Hartwell Lake and the Savannah River Basin – the new computer simulation model of the complete basin. This model allows for the testing of a wide variety of situations – real and theoretical – to identify the optimum management technique at any given time. This discussion will be very interesting. So come see us! Enjoy the free food, say hello to the LHA Board of Directors, meet some of your neighbors and friends and perhaps win one of the great door prizes. More information on the picnic is inside this issue of the newsletter.

Enjoy this issue of the Lake Hartwell Association Newsletter. There are some great articles in it. Also – don’t forget to check out our web site occasionally. Contact any of the Directors if you have comments, concerns or issues.

Let’s keep the lake “clean and deep.” To contact me, send an email to mail@lakehartwellassociation.org or call 1-864-222-1925.



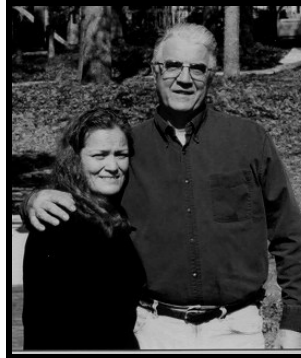
**LHA Spring Picnic on
 April 24th at Big Oaks
 Recreation Center**

Meet The Director: Mike Massey New president wants greater advocacy role for LHA

Submitted by Bert Menees

Two years ago, Mike Massey responded to a volunteer recruiting drive and showed up at an LHA board meeting. Last May, he was elected President of the association.

The LHA Board of Directors had identified a need to get more involved in the water-related proceedings of the Georgia and South Carolina legislative bodies. Mike was asked, at that first board meeting, if he was willing to organize and chair a new "Legislative" committee. From that point on, Mike Massey has been a man on a mission.



Originally from eastern Connecticut, Mike earned a B.S. in Mechanical Engineering from Central Connecticut University. He worked for Southern New England Telephone for 14 years as an Outside Plant Engineering Manager, responsible for developing many of the procedures used by the SNET Engineering Department. Mike transferred to the AT&T New Jersey headquarters and for the next 20 years managed computer software projects. At the time of his retirement in 1998, he was Division Manager - International Solutions Implementation - Large Computer Systems. He was often required to relocate to the client site to integrate software into the customers' processes. This frequently required extended assignments in faraway places like Melbourne, Australia and Pretoria, South Africa. He still consults occasionally in the area of telecommunications software systems implementation; less so now that he has taken on the responsibilities of LHA president.

Mike and his wife, Petra, who is also active in LHA as a member of the Membership Committee, chose Hartwell Lake as a retirement site and purchased their beautiful home in 1999. They liked the area, and it seemed centrally located to their six married children and two grandchildren scattered throughout the United States.

Petra, a California native, graduated *magna cum laude* from the University of California at San Diego with a B. S. in Communications. Petra was employed by The Pacific Telephone Company until her transfer to AT&T at the time of the 1983 divestiture. Her last position with AT&T was Asia/Pacific Business Director - Global Network Services, where she managed teams that designed and installed global network centers.

Mike's vision is to see LHA empowered as a force in dealing with water issues on Hartwell Lake and the entire Savannah River Basin. As chair of the Legislative Committee he immersed himself in a number of issues and organizations. For example, he and other committee members joined the Georgia

Water Coalition to give that group the support of LHA in standing against a bill in the Georgia legislature to make water a commodity, sell it to the highest bidders and let private companies own and resell it to end users. This situation exists in other parts of the country, but LHA believes it would create enormous problems for future water users in this area. Through the efforts of the GWC, LHA and other area organizations, the bill has been defeated twice in the Georgia legislature.

The Board of Directors has responded very favorably to a number of Mike Massey's initiatives. He was influential in 2002 in getting the board to call in a professional facilitator and spend an entire day analyzing the association's mission, exploring ways in which the board can better serve the members. When it was unclear to some board members that the LHA Charter of Incorporation (August 1990) makes water-related advocacy an appropriate activity of the association, Mike sought the opinion of a local attorney, who found advocacy to be completely consistent with the LHA charter and 501(c)(3) non-profit organizational status.

Mike regards the withdrawal of HR 2753, the legislation introduced in Congress last year proposing that Corps property around the lake be given to adjoining counties, to be an example of how LHA advocacy through interaction with the legislative process can protect the interest of the members. LHA vigorously argued against that legislation directly with the congressmen involved, consulted with other civic organizations and submitted letters to the local newspapers after many members expressed their opposition to the legislation.

Responding to what appeared to be some adverse effects of low lake water levels on the area economy, Mike petitioned the board for approval and funding to allow the Legislative Committee to conduct a formal survey of Hartwell Lake residents as well as businesses on the lake that derive a large part of their income from lake related activities. The survey, completed in 2003, indicated that the business firms that were contacted experienced a decline in gross revenue of over \$123 million during the drought years of 2000 through 2002 as a result of decreased lake activity. These surprising results are currently being used by LHA and other organizations to guide them in future activity planning.

After becoming President, Mike initiated regular meetings of the LHA Executive Committee to focus on some long range issues and plan the agenda for the bi-monthly board meetings. He has also been working with the LHA Treasurer to develop a more detailed process for classifying, budgeting and recording LHA expenditures. His most recent initiative was to appoint an *ad hoc* committee to review the timing and format of the association's two annual public information meetings. The committee is currently surveying a random sample of members and will present recommendations at the March board meeting.

News from the Corps



New Annual Passes Now Available

The Hartwell Lake Office announces that the 2004 Annual Passes have arrived. Annual Passes are marketed to frequent users of Corps' operated boat ramps and recreation areas to prevent the payment of a daily fee with each visit. The cost of the Annual Pass is \$30 and allows unlimited, nationwide use of all Corps use fee areas for the entire calendar year. The pass is in the form of a decal which is applied to the back of your vehicle's interior, rearview mirror. Families with multiple vehicles may purchase an additional Annual Pass for only \$15 if passes are purchased at the same time. Passes may be purchased by phone using a credit card, in person at the lake office, at campground or day use areas with an attendant, or by mail. For additional information, please contact the Hartwell Lake Office at 1-888-893-0678.

Eastanollee Creek Update

Submitted by Bob Sykes

LHA members living along Eastanollee Creek on the Tugaloo River channel have long been concerned about higher than acceptable concentrations of metals in the creek resulting from ineffective pretreatment of waste water from several metal finishing and textile plants that discharge thru the city of Toccoa's waste water treatment plant (WWTP).

LHA Technical Committee members have, over the past few years, kept in close touch with the Toccoa WWTP to monitor the operation of both the industries that discharge thru the WWTP and the treatment plant itself.

A recent visit by members Bob Sykes and Wayne Van Ness yielded encouraging news. Over the past year, among the 6 industries that hold pretreatment permits, there were mostly only minor upsets, mechanical malfunctions, or operator error that were quickly corrected by most of the industries.

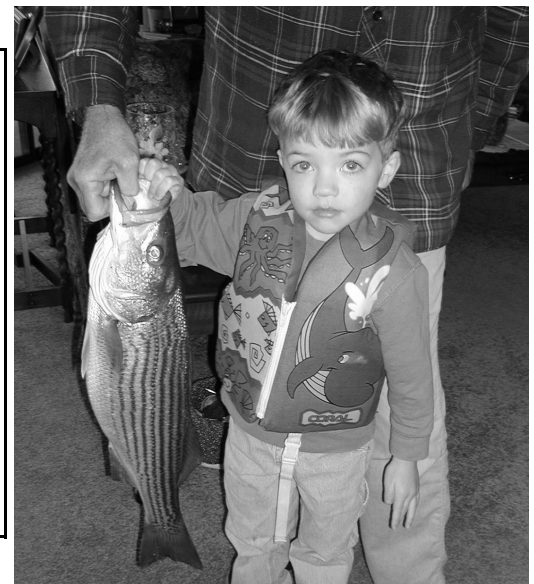
The one exception was an industry that was issued an administrative order to correct its problem. This legal action resulted in the industry installing a \$400,000 upgrade that will bring it into compliance.

The Toccoa WWTP itself has been operating well within its own limits as well as effectively monitoring the industries that discharge to its system. The metals being discharged into the creek will decrease even further in the future as the Georgia Environmental Protection Div. has recently lowered its allowable discharge limit for zinc by 50% and the Toccoa WWTP is reducing the limits on the industries that discharge to it to assure that GA EPD's new limits can be met.

The major long term textile polluter discharged directly to the creek. He is moving the offending operation to a sister plant in NC where there is better control. LHA is pleased with the progress and diligence that the Town of Toccoa is taking to meet environmental requirements while protecting the local employment base. END

LHA Member Photos

Caleb Duncan caught this 6.5 lb striper last month while fishing in Coneross Creek with his granddad, LHA member Fred Keller. This was the biggest fish so far for this 3.5 year old angler.



This was taken of our two grandsons TJ & BO Smith this summer. They said they were "WEED WHACKING". We have really enjoyed having water as I am sure everyone has. We are on the Tugaloo River on the Georgia side about six miles north of the I-85 bridge. Eyvonne & Howard West

UPDATE - The SC Governor's Water Law Review Committee

Submitted by Mike Massey

In June of 2003 South Carolina Governor Mark Sanford created the Governor's Water Law Review Committee (GWLRC). The purpose of the GWLRC is to advise the governor about initiatives needed to preserve, maintain, and manage the water resources of this state to ensure available and affordable quantities and qualities of water for present and future use. The Committee was asked to provide recommendations to the governor by mid-December, 2003.

In the Winter 2004 Issue of the LHA Newsletter, we reviewed the plans of the GWLRC and presented the comments and position of LHA. An excerpt of our comments states: "The LHA Board of Directors all agree that the time is right to review and revise the current South Carolina Water Plan. We also agree that due to changes in circumstances, situations and population needs in the state, the development of a statewide water plan for South Carolina is VERY necessary. This effort is timely." These comments can be found in the LHA website www.lakehartwellassociation.org in the Winter 2004 Newsletter section. After we went to press with that newsletter the following announcement was issued by the South Carolina Department of Natural Resources on January 19, 2004:

South Carolina Looking at Interstate Agreements on Water -- *A South Carolina committee reported to their Governor recently that SC should begin to work on compacts with Georgia and North Carolina on water. Among other findings, the South Carolina Governor's Water Law Review Committee recommended that SC needs to improve communications with NC. South Carolina shares most of its rivers with the two neighboring states and at the peak of the five-year drought in 2000, SC had to negotiate with NC to ensure enough water was released from dams upstream from the state line. SC's Governor, Mark Sanford, will be reviewing the recommendations. The committee members hope it will lead to changes in water laws and regulations both inside and outside SC.*

"What we do in the next 18 months is going to set the standards for water in this state for the next 50 years," said Freddy Vang, who heads the S.C. Department of Natural Resources' water division.

LHA strongly agrees with Mr. Vang's assessment but has not been able to obtain a copy of the final GWLRC report as of this writing. Neither has there been any comment from Governor Sanford's office. We will continue to monitor the events and will report to you in the next newsletter. LHA is supportive of the effort and sincerely hopes that it continues in a positive direction.

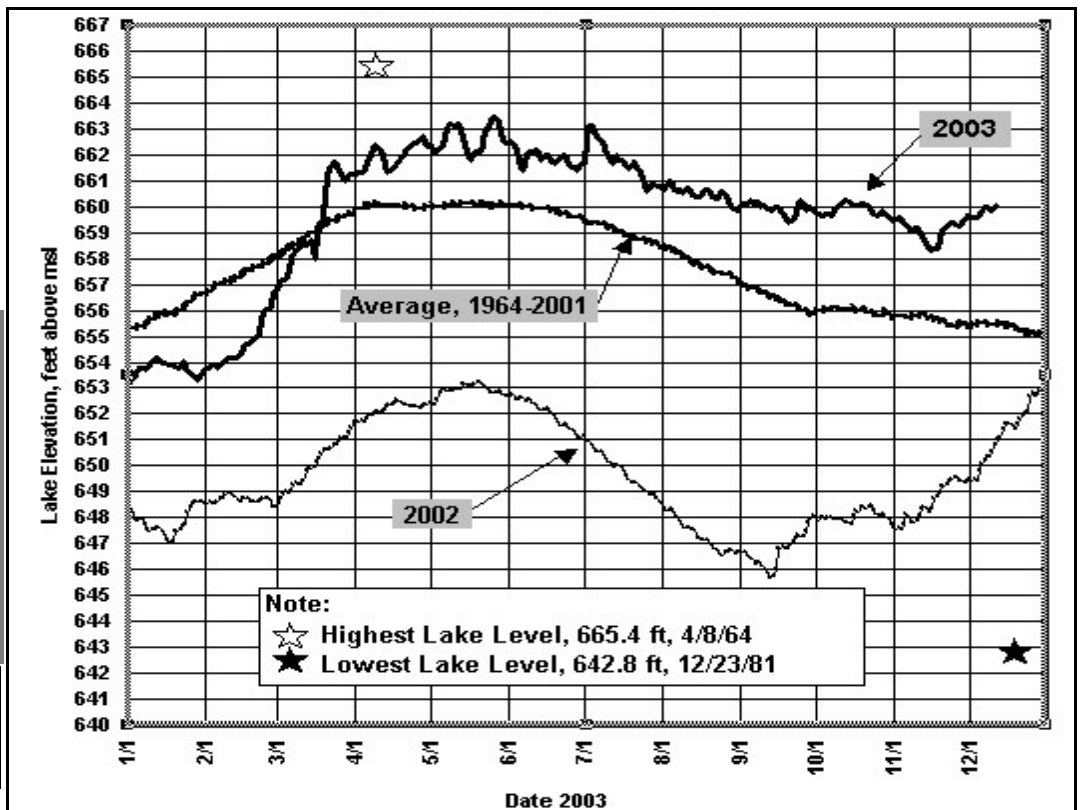
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Lake Elevations Report

Submitted by Vern Sauer



Jim Pearson caught this 16 lb striper on March 15th while jigging artificial baits.



The Georgia Water Plan – An Update

Submitted by Pat Goran

As reported in the last newsletter, Georgia House Bill 237 was introduced in early 2003. It was the result of over 12 months of work by a water study committee created by former Governor Roy Barnes. HB 237 was the original bill for the development of the Georgia water plan based on recommendations of the committee. While many of the recommendations were very well thought out, it did not recognize water as a public resource and allowed the sale of water permits (called permit trading). Some legislators were pushing for a version that would let water permits, provided free by the state over the years, to be sold by the holder to the highest bidder, essentially privatizing a public resource.

This version of the bill failed to win approval in the Legislature due in large part to a well-organized grass-roots effort led by the Georgia Water Coalition (GWC), which is comprised of nearly 90 organizations with interests similar to LHA. At GWC's urging, 150 cities and counties (including Hart and Stephens counties and the cities of Hartwell, Lavonia and Toccoa, thanks primarily to LHA's efforts) have passed resolutions opposing the concept of permit trading as of March 2nd.

On February 4th of this year, the House / Senate Conference Committee on HB 237 voted on a wholesale substitute of the

bill's language. HB 237 is now a pure planning bill that is silent on the issue of permit trading and would require the creation of a statewide water management plan by 2007. The statewide plan would include policies that guide the creation of river basin management efforts and local water plans as well as coordinate any regional water planning efforts. Georgia's Environmental Protection Division (EPD) is in charge of creating the plan, which would have to be approved by the Department of Natural Resources (DNR) Board. The bill also requires EPD to solicit extensive stakeholder involvement, specifically including non-profit advocacy organizations such as LHA.

This is great news for most Georgia counties and cities and for the Savannah River Basin. Because this bill does not include provisions for permit trading, because it requires extensive public involvement in the creation of the statewide plan, and because it supports planning on a river basin basis, the Georgia Water Coalition and the Lake Hartwell Association support this new version of HB 237. While the Senate has approved it, unfortunately it was voted down in the House primarily because they felt the final approval of the plan should come from the Legislature, not the DNR board. We remain hopeful, however, that it will be approved by the end of the 2004 session.

See GWC's website (www.georgiawater.org) for additional information.

Put Spring Picnic Date on Your Calendar

Submitted by Bert Menees

Spring is here! Add to your enjoyment of the spring flowers by attending the annual Lake Hartwell Association spring picnic meeting. Enjoy an outdoor cookout of hamburgers, hotdogs and all the fixings on Saturday, April 24 at the Big Oaks Recreation Center, adjacent to the U.S. Army Corp of Engineer's (USACE) Hartwell Project Manger's Office on Highway 29 between Anderson and Hartwell. Admission is free. The public is invited so bring a friend.

The food will be served from 11:00 AM to 12:30 PM, followed by some brief but interesting and informational discussions as described below. All activities should end by 2:00 PM.

The informational presentations will be made by the U.S. Army Corps of Engineers personnel. Virgil Hobbs, Hartwell Project Manager, will talk about the Savannah River Basin Comprehensive Management Study and a new process called the Hydrologic Engineering Center Reservoir Systems Simulation Model. This model is being used to evaluate different possible scenarios for managing lake levels and other issues on the Savannah River Basin. The model is a breakthrough development for the USACE and appears to make recreation a higher priority on Hartwell Lake than in the past.

Senior Park Ranger Mark Dotson will conduct a discussion of the shore management rules which concern all Hartwell Lake property owners, such as dock walkway length, underbrush trimming, permit requests, etc. Recent changes to some of the rules will be presented and questions will be answered.

The president and other Lake Hartwell Association Board of Directors members will also make brief presentations on matters of interest to LHA members, including 2003 LHA accomplishments, the GA Water Plan and the upcoming Hartwell Lake clean-up campaign. Continuing a practice started at the last membership meeting, a number of small appliance door prizes will be awarded to lucky ticket holders.

We hope all LHA members and prospective members will take advantage of this opportunity to have some fun and fellowship as well as to keep informed about what is happening on our beautiful Hartwell Lake. Mark your calendar now so you will not forget the date.

UPDATE - Savannah River Basin Comprehensive and Drought Management Study

Submitted by Mike Massey

This article represents a major step forward in a process to re-evaluate the current management practices for the waters of the Savannah River Basin.



Members of LHA with representatives of the USACE.
Virgil Hobbs, USACE Hartwell Lake and Powerplant Operations Manager- Hartwell Lake Project; William Lynch, USACE Project Manager- SRB Study; Mike Massey, LHA President, Colonel Roger Gerber, USACE -Commander, Savannah District; Pat Goran, LHA Immediate Past President; Leroy Crosby, USACE Technical Manager - SRB Study.

The US Army Corps of Engineers (USACE) is the project manager for the Savannah River Basin Comprehensive and Drought Management Study. The study purpose is to review the current operating practices of the Savannah River Basin (SRB) and, if necessary, to recommend areas for refinement. The study is funded by the Federal Government, South Carolina Department of Natural Resources (DNR) and the Georgia DNR..

Representatives of the Lake Hartwell Association were identified as stakeholders and members of the Project Delivery Team (PDT) for this important project. We were invited to attend a workshop on December 19th in Evans, Georgia. This first meeting of the entire PDT was to acquaint everyone with the status of the study to date, to hear presentations regarding several aspects of the undertaking and to decide on a path forward. Pat Goran and I attended for LHA and were very pleased with the invited shareholders who chose to attend on a Friday during the holiday season. Such large attendance demonstrated that there is great interest in developing a proactive management plan for the SRB. Including the project development team itself, there were 65 people present representing legislators from both states, environmental groups, businesses, civic and municipal groups.

A major part of the meeting involved reviewing the development of a new Hydrologic Engineering Center Reservoir System Simulations Model (HEC RES SIM). Simply defined, it's a computer model where requirements from all stakeholders can be entered and different scenarios can be evaluated. The model is capable of calculating the effects (lake elevations, flow rates, etc.) caused by various operational and environmental variables throughout the SRB. It will be used to provide both long-term simulations and for real-time operations. It is capable of handling multiple operational scenarios with prioritized rules and computer logic criteria. The USACE indicated that they will be using 72 hour forecasts and Doppler radar inputs for rain amounts.

Members of LHA are aware of our position regarding the importance of keeping the lake at as high a level as possible for many obvious reasons. Since that is a major direction for LHA we were very happy to see that several scenarios to be tested in the next phase of the study include that option. These scenarios were provided to LHA in a letter dated February 25, 2004. While we must understand that a large number of scenarios will be tested including some resulting in lower water options, the following were favorable to our position:

- B1. Raise some or all pools one foot, decreasing the flood storage allocation and increasing the conservation pool storage; providing for additional water supply and ecosystem flood releases.
- B2. Leave the Hartwell conservation pool at 660 year round and only perform a winter drawdown on J. Strom Thurmond Lake; providing for different release alternatives and to determine amount of system flood control that is adequate
- B3. Increase physical storage on all three lakes by raising the flood storage and increasing the conservation by tainter gate extensions raising the pools one to two feet; providing for additional water supply and ecosystem flood releases.
- D3. Decrease the Hartwell winter drawdown up from 656 to 658; retaining more water for recreational needs in the coming year.
- D4. Decrease the winter draws on both Hartwell and JST by specific increments; putting winter drawdowns in sync with each .

As mentioned – there are a large variety of scenarios to be tested. Not all can be favorable to Hartwell Lake but LHA is encouraged that many are. We will be assured that a fair, scientific review is being made and hopeful that the results will be positive. We will keep you informed of further developments in future newsletters.

END

LHA Summary of Accomplishments – 2003

Submitted by the LHA Board of Directors

Some of our members have asked what activities the Lake Hartwell Association worked on last year and how we used the money from their 2003 dues. That is a fair question! The list that follows represents a summary of the 2003 accomplishments of your Board of Directors, Committee Chairpersons and the many LHA committee members and other volunteers. Many people willingly volunteer to work on behalf of our members, all residents and businesses in the Hartwell Lake area for the protection of the lake quality and the Savannah River Basin area. Most of these activities are ongoing. The list is not in any specific priority. Also, many of the items are discussed in more detail in the LHA website (see number 29).

If you have any other comments or concerns, please drop us a note or an email. This is one of the ways to inform us if we are meeting your expectations. We would really enjoy hearing from you.

1. Conducted a Lake Impact Survey to obtain an understanding of the area economic impact around the Lake Hartwell Area resulting from low water levels between 2000 and 2002. The survey indicated that area businesses lost about \$123 million during that period primarily as a result of reduced recreational use of the lake.
2. Presented the findings of the Lake Impact Survey to many civic, public and legislative leaders and organizations, including the U. S. Army Corps of Engineers (USACE), in order to clearly support the economic importance of "recreational" use to Hartwell Lake area.
3. Opposed the passage of U.S. House Bill H.R. 2753, "The Savannah River Lakes Private Land Ownership Restoration Act." This bill proposed transferring all property managed by the U. S. Army Corps of Engineers around Hartwell, Russell and Thurmond Lakes to the counties surrounding those lakes. The bill was withdrawn.
4. Supported the Georgia Water Coalition (LHA is a member) in a grass roots effort to meet with local Georgia municipal governments around the Hartwell Lake area to pass resolutions agreeing that water a "public resource" and that water permits issued should not be sold to private concerns. To date, well over 100 counties throughout Georgia have passed resolutions to that effect (including Hart and Stephens counties and the cities of Hartwell, Lavonia and Toccoa - thanks primarily to representatives of LHA). This effort will protect the water resources from private enterprise for the future.
5. Coordinated with other Savannah River Basin (SRB) lake associations to establish the Savannah River Basin Alliance. This alliance will allow the Lake Hartwell Association to have a greater voice (through increased numbers of people) in negotiating with legislators and will allow us to reduce effort on specific common projects and provide more people to monitor and identify activities or concerns along the SRB.
6. Supported area economic development through a membership on several Chambers of Commerce including Anderson and Clemson, SC and Hartwell, GA.
7. Published four LHA Newsletters for the purpose of informing LHA members of the status of our activities – including legislation being considered in GA and SC – related to the Hartwell Lake area.
8. Held six meetings of the LHA Board of Directors. Meetings are held every other month alternating between Georgia and South Carolina. LHA members and the public are invited. The primary activities at each meeting are for each committee chairperson to update the Board on their activities and for the Board to conduct administrative functions as well as discuss new issues and concerns.
9. Attended meetings of the USACE Comprehensive Water Resources Study to represent our members. LHA was asked to participate and provide input as representatives of lake area residents. This study will decide management policy for the Savannah River water for the next 50 years.
10. Attended the North American Lake Management Conference in Connecticut from December 5 - 8. This conference provides the latest technological and management advances for lakes in the US.
11. Initiated a "Meet the Directors" series in the LHA newsletter. This effort will inform our members who their Directors are and provide some personal information about each one as they are profiled.
12. Organized and conducted two annual public "information" meetings related to the status of water activities in the Hartwell Lake and the Savannah River Basin area. 1 - a picnic meeting in April at the Big Oaks recreation site near the Hartwell Dam in Georgia and, 2 - a Fall information meeting in October at the Anderson Civic Center. Both are provided free of charge.
13. Published detailed information about upcoming membership meetings in LHA newsletters. Released that same information to all local newspapers and radio stations. Initiated an intensive effort to provide as much advance notification as possible about membership meetings.
14. Initiated a new door prize program at the October meeting to help stimulate greater attendance at membership meetings.
15. Co-Chaired the Hartwell Lake Cleanup Campaign 2003 with the U.S. Army Corps of Engineers – Hartwell Project. The campaign covered a five week period involving more than 800 volunteers and over 100 organizations. Tons of trash and debris were removed from the shoreline and federal lands adjacent to

(Continued on page 8)

(Continued from page 7)

- Hartwell Lake. At the end of the campaign, LHA hosted a Volunteers Appreciation Day and Picnic with great food, entertainment and numerous door prizes (solicited by LHA).
16. Supported representatives (staff and students) of Anderson College in their effort to conduct a preliminary water quality survey of Hartwell Lake. It is anticipated that results this preliminary study will provide the basis leading to a more comprehensive effort by LHA in coordination with Anderson College representatives to monitor lake water quality.
 17. Analyzed and commented on proposed revisions to the new septic tank regulations in South Carolina.
 18. Implemented a program to review the compliance records of all permit holders that discharge treated water into the lake or any of the streams that feed it.
 19. Assisted lake shore land owners with questions about lakeshore management issues.
 20. Reviewed and commented on lakeshore development plans that impact our members.
 21. Analyzed and commented on the South Carolina Governor's Water Plan Review Committee's water plan and recommendations.
 22. Developed a list of useful websites related to many aspects of water information and issues related to Hartwell Lake.
 23. Developed and published a list of city and county officials to be contacted by our members in the event they noticed any runoff or contamination that might adversely affect the lake.
 24. Acquired a complete set of topographic maps for the lake to assist in identifying areas for review or discussion at meetings.
 25. Developed and submitted written comments on the USACE's proposed drought management plan revision for lakes Hartwell, Russell, and Thurmond.
 26. Participated in public hearings on several proposed permits that had the potential to impact the lake's water quality.
 27. Maintained bulletin boards at twelve locations on the lake (five marinas and seven Corps of Engineers recreation areas). Boating safety information was posted. Damage to some of the bulletin boards by vandalism was repaired.
 28. Coordinated with Boat U.S. to obtain a number of child sized personal floatation devices (PFD's - life jackets) as a result of a grant request. These PFD's are available at major marinas and loaned to boaters at no cost to help assure safety of their young guests. Four of the five lake marinas now have sets of PFD's for loan. A request for an additional set for Seneca Marina has been made to complete the project. We anticipate that this request will be granted early in 2004.
 29. Managed the Lake Hartwell Association website www.lakehartwellassociation.org to include any LHA related water information including water issues, legislation, meeting minutes, letters, water quality and quantity, etc.

END

LHA Needs Photos for Newsletter

Submitted by Jim Gardner

If you have digital photos of interest to LHA members, why not share them in the newsletter? If you are an artist or cartoonist and have work related to Lake Hartwell, we may be able to use it also. All photos should represent LHA members, their families, property and activities. We can not use images that are out of focus, improperly exposed or inappropriate. We reserve the right to edit (crop, change contrast, etc.) in order to fit available space in the printed medium. All you have to do is email images to us as attachments. JPG images are preferred, but we can use about any image format. Just follow the instructions below.

1. Provide caption information such as names, location, etc. in the body of the email message.
2. Attach the image to the message.
3. Send it to lhnewsletter@yahoo.com

We will convert color images to grayscale and use them to give "eye appeal" to the newsletter.

END

Fishing Tip: The Crappie Are Shallow

Each spring about this time crappie can be caught beneath boat docks and around submerged brush piles. If you are not an experi-

fisherman but like to take a fishing, now is All you need and reel or 6-lb line, hooks, split float and small min- Right now can be found of water under along steep around sub-



brush piles. You may need a boat and depth finder to find the brush piles that fishermen have sunk along bars points. If you want more info about crappie fishing send questions or your fishing tips to lhnews@hotmail.com

enced would kid fish- the time. is a rod cane pole, small shot a some nows. crappie in 3 to 8 ft docks, banks and merged

LHA Member Recipes

You may want to clip these recipes and file them for later use.

Strawberry Spinach Salad

By LHA member Clarice Maclay

Salad:

- ⇒ 1 package of fresh spinach
- ⇒ 1 pint of fresh strawberries, sliced
- ⇒ 1 kiwi, sliced
- ⇒ 5 large mushrooms
- ⇒ 3 baby carrots
- ⇒ 1/2 cup of slivered almonds
- ⇒ optional: cucumber or sprouts

Dressing:

- ⇒ 1/8 cup of extra virgin olive oil
- ⇒ 2 tbsp of orange juice
- ⇒ 2 tbsp of red wine vinegar
- ⇒ 1 tbsp of finely chopped Vidalia onion
- ⇒ 1 tsp of poppy seeds
- ⇒ 1 tsp of sesame seeds
- ⇒ 1/4 tsp paprika
- 1/8 tsp of Worcestershire sauce

Baked Striped Bass

Submitted by LHA member Nancy Gardner

- ⇒ 1 ½ pounds fillets, cut into serving-sized pieces
- ⇒ 1 teaspoon salt
- ⇒ Black pepper
- ⇒ ½ medium onion, sliced thinly
- ⇒ ½ stick butter, melted
- ⇒ juice of 1 lemon (or 2 tbl bottled lemon juice)
- ⇒ Paprika

Preheat oven to 325 degrees. Spray baking dish with Pam.

Place fish in dish and sprinkle with salt and pepper.

Place sliced onions over fish.

Combine lemon juice and melted butter in a bowl and pour over fish.

Sprinkle paprika over fish.

Bake for 30 minutes uncovered.

Zesty Seafood Soup

Submitted by LHA member Nancy Gardner

- ⇒ 2 tablespoons olive oil
- ⇒ 1 medium onion, chopped
- ⇒ 2 cloves garlic, minced
- ⇒ 1 cup chopped celery
- ⇒ 2 tablespoons fresh or dried parsley, chopped
- ⇒ 1 teaspoon dried basil
- ⇒ 1/2 teaspoon dried rosemary
- ⇒ 1/2 teaspoon dried thyme
- ⇒ Dash of cayenne
- ⇒ 3 cans (8 ounces each) tomato sauce
- ⇒ 8 ounces clam juice
- ⇒ 1 can (14 1/2 ounces) chicken broth
- ⇒ 1 pound firm fish (such as striped bass), cut into 1-inch cubes
- ⇒ 4 1/2 ounces small canned, fresh, or frozen shrimp
- ⇒ 1 can (8 ounces) real crabmeat, or 1 fresh crab
- ⇒ Salt

1. Heat the oil in a Dutch oven. Add the onion, garlic, and celery, and sauté until the onion is limp.
2. Stir in the parsley, basil, rosemary, thyme, cayenne, tomato sauce, clam juice and chicken broth. Cover and simmer for about 10 minutes.
3. Add the fish; cover and simmer until the fish flakes (about 7 minutes). Stir in the shrimp and crab. Cover and cook for a few minutes, until everything is thoroughly heated. Salt to taste.

Yield About 8 servings, each with 12 grams of carbohydrates and 2 grams of fiber, for a total of 10 grams of usable carbs and 12 grams of protein.

Send your favorite
recipes to lhanewsletter
@yahoo.com

LAKE HARTWELL ASSOCIATION MEMBERSHIP APPLICATION

DATE _____
NAME _____
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E-MAIL _____

Check all of the following that apply:
 Individual (\$15) Renewal
 Family (\$25) New Member
 Community & Development (\$100) Address Change

**Send your check, payable to: Lake Hartwell Association
P.O. Box 312; Fairplay, SC 29643**

Email address: membership@lakehartwellassociation.org

Web Site: <http://www.lakehartwellassociation.org>

LHA Mission Statement

We will develop and establish the Lake Hartwell Association as an organization that promotes and encourages cooperation, assistance, and information exchange among those concerned with Hartwell Lake and the Savannah River Basin.

We will provide a forum to collectively represent our membership on issues that pertain to the development, preservation, and comprehensive management of Hartwell Lake.

We will collect and distribute information on matters affecting Hartwell Lake.

We will maintain liaisons and communications between the Lake Hartwell Association and educational, governmental, scientific, and other communities.

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Bert Menees, Program/Publicity
Wayne Gaskins, Lake Cleanup
Dan Ray, Safety
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