



Letter from the Vice President, Ray Fedele

Happy New Year and get ready for an exciting year for Lake Hartwell, our association and the entire Savannah River Basin. In the past year, we have seen Lake Hartwell and all the other lakes in the system go from drought to flood conditions. 2013 has been ranked the second wettest year on record for both Lake Hartwell and Lake Thurmond with nearly 75 inches of rainfall. This is only a few tenths of an inch off a record rainfall amount in 1949. In the fall the Corps scheduled a four foot draw down of the lake for the winter months and has since changed their plan due to the wet conditions here and downstream. By not adhering to the existing winter guide curves, which dictate a specific draw down, the Corps is managing the basin with an adaptive management approach. It is important to note that LHA's actions and position is to have this process continue after the good fortune of wet weather has passed.

After a successful legislative year, that included the first set of joint state (SC and GA) caucuses in the country, we are ready for another

caucus meeting to be held in Augusta, with both state's legislators attending, to further solidify the state's role in managing the water resources in the basin. This is an extremely important event based on the fact that this resource provides clean water for our communities, water for our economic development and water for our recreation.

Another important activity of the association will be the participation in Phase 2 of the Savannah River Basin drought contingency plan and Winter rule curve studies that was authorized by SC, GA, the Corps and the Nature Conservancy this past year. We will report on the progress of both of these efforts in our upcoming newsletters.

An example of what a clean and full lake can do is the recent announcement of the Bassmaster Classic, the Olympics of fishing, coming back to Lake Hartwell in 2015. It will be held at the newly finished mega fishing ramp and event center at Green Pond in Anderson County.

We are pleased to announce that Ruth Anne Maciag, a long time board member, will be working with Larry Dyck as co-chairs for the CoveKeepers. They will be revitalizing this important part of our technical agenda. **Since Ruth Anne was in charge of programs we**

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are looking for someone to step up in this capacity. Let us know if you are interested.

The board will continue to work diligently in 2014 for "the sake of the Lake" and if you have any concerns or ideas please don't hesitate to let us know.

Officers

- Vacant, President
- Ray Fedele, Vice President
- Doug Young, Treasurer
- Vacant, Secretary

Executive Staff

- Herb Burnham, Director
- Kelley Davies, Administrator

Directors and Committee Chairs

- Ashley Widener, Legislative
- Cathy Foster, Technical
- Dr. Larry Dyck, CoveKeepers
- Pat Goran, At-Large
- Don Haynie, At-Large
- Jim Lizza, At-Large
- Scott Willett, At-Large
- Mike Massey, At-Large
- Dan Ray, Safety
- Ruth Anne Maciag, Programs/Publicity

BASSMASTER CLASSIC RETURNS TO LAKE HARTWELL!



Governor Nikki Haley with professional fisherman

The annual Bassmaster Classic, considered to be the “Super Bowl of Bass Fishing”, will be returning to Lake Hartwell February 20 -22, 2015. This million dollar event produced by the Bass Anglers Sportsman Society (B.A.S.S.), was held on Hartwell in February of 2008 when an estimated 75,000 people attended related events in the area. The 2015 tournament is expected to be an even larger event and a larger draw, contributing an estimated \$17 million or more to the Hartwell Lake related economy.

Professional fishermen will launch and trailer their boats at the new Green Pond landing located just off SC Highway 187 in Anderson County. Green Pond is still under construction and was specifically designed to handle events of this size and type. Anderson County’s Parks and Recreation Director, Glenn Brill anticipates the landing will be ready for use this coming summer and has no doubt that it will be fully tested, “bug free” and ready for this very special event.



The official announcement and press conference was held on January 16, in the Bon Secours Wellness Arena in Greenville, SC, where the daily weigh in’s will be conducted and televised. SC Gov. Nikki Haley and B.A.S.S. CEO Bruce Akin were both present to make the formal announcement. A number of Greenville and Anderson county political and business leaders, and several professional bass fishermen also attended.

Photos courtesy of Glenn Brill



Mr. Akin making the announcement

WHAT'S HAPPENED TO OUR TAP WATER?

Submitted by Scott Willet, Executive Director, Anderson Regional Joint Water System



The answer is straightforward; however the solution is both simple and complicated. In short, the dramatic end of the long-term drought is the culprit behind that now common earthy taste in our water. During the drought, the sustained low lake levels allowed most of the coves and shallow areas of Lake Hartwell to vegetate with tall grasses, shrubs and even small trees. Last year's spring rains were greeted with smiles by many homeowners who took advantage of the free irrigation to prepare new landscaping and start the cycle of grass cutting. As the rains continued the drought was ended and the groundwater tables began to fully recover.

As the groundwater tables refilled, the continuing rain began to raise the lake elevation, re-flooding the coves, covering the vegetation and starting the natural cycle of organic decay. In fact, for much of the summer, the lake levels were above the normal pool allowing even more dying vegetation to be added to the water. In addition, many of the rain events were sufficient to cause localized flooding that carried fertilizers, grass clippings and other organic matter into the lake, creating an

organically rich source for algae growth. Over the summer, the algae and the decaying matter in the coves continued to brew in the slightly acidic water resulting in a "tea", very similar to the water most of us are more accustomed to experiencing in coastal areas. This situation was observed over the entire Savannah River Basin and many other basins in our state.

Our Lake Hartwell Water Treatment Plant (WTP) was designed and constructed to treat the normally consistent and very high quality water of Lake Hartwell. The conditions noted above are unprecedented in the over 40 year operating history of the facility. The highly organic lake water created contained many taste and odor causing agents, but the main culprits were geosmin and MIB. Both are produced during the life cycle of blue-green algae- geosmin during the growth stage and MIB in the decline and decay stage. These dissolved organics, much like brewed tea, cannot be filtered out of water as is standard practice for our WTP.

"When will it end?" The taste and odor situation began to recover during mid-December and, at this time, is largely back to the familiar taste that has allowed our area to claim the "Best Tasting Water" in South Carolina multiple times. The end of the event coincided with the start of cooler weather and end of the algae season. It is worth noting that as the lake levels have remained high with minimal drawdown this year; it remains very organically rich which may allow the algae to re-occur with the advent of warmer summer weather. Whenever a reservoir is allowed to vegetate and then flood causing taste and odor issues, it will take several years for it to return to

"normal". The good news is that in each successive year the event appears to be shorter in duration and less intense. The bad news is that it can reappear which leads to the third most popular question:

"What's being done about it?" Taste and odor issues are considered secondary water quality standards in that they pose no health risk. We recognize that they do pose aesthetic issues and deter many people from using the water for drinking. However, due to the normally extensive water quality monitoring and the additional monitoring undertaken during this event, everyone can be confident that the water remains safe for all uses. Staff at the WTP has continued to investigate all potential solutions to prevent a future taste and odor event. It is not possible to control the source water so efforts have focused on how to adjust the treatment process to eliminate the taste and odor causing precursors.

Every activity at a WTP is focused on public health and safety requiring each change to be thoroughly tested and approved prior to implementation. As such, no steps are taken lightly due to the importance of the product and its potential impact on the cost of water. When future facilities are designed and constructed, taste and odor causing events can be successfully mitigated allowing everyone to consistently enjoy the outstanding taste of our Lake Hartwell water.

Footnote: This article has been condensed to fit newsletter space and format needs. The original article in it's entirety, including specific agents detected in the water and corrective action taken is available by going to the LHA website LakeHartwellAssociation.org.

PLEASE HELP PROTECT THE CLEMSON EXPERIMENTAL FOREST

Submitted by Herb Burnham

If you attended either of LHA's last two annual meetings, you experienced the natural beauty of the Clemson Experimental Forest and were told of its importance in keeping the Seneca River arm of Hartwell Lake among the cleanest and most pristine bodies of water in the Savannah Basin. Its history dates back to 1934 when the U.S. Government acquired some 27,000 acres of land around what was then Clemson College and entered into a long-term license agreement that allowed the College to start reclaiming and restoring the then bare and eroded land. The title to this land was conveyed to the College in 1954. The following year, a special act of Congress required the approval of the U.S. Secretary of Agriculture before any of the forest could be sold or exchanged, and imposed limitations on how the proceeds of any such sale or exchange can be used. About 7,700 acres of the forest were covered by water when Hartwell Lake filled in the early 1960's, leaving the University with 19,800 acres, about 17,500 acres of which is now forest.

The University's efforts in restoring, managing and protecting the forest have been stellar; creating one of the most special and truly natural areas in South Carolina, providing many uses for both the University and the public in terms of scenic beauty, green space biological diversity, recreation, timber, and scientific research. Few universities in the world are blessed with a resource like the Clemson Experimental Forest... as are few lakes in highly populated areas.

The value of the Clemson Forest to Hartwell Lake cannot be over stated,

as it serves as a natural filter for the water runoff from a significant area of the eastern shoreline of the Seneca River Arm, from north of the main campus at the Twelve Mile River downstream to the 18-Mile Creek (approximately 100 miles of shoreline), including the Twin Lakes Recreation Area and Campground and the Clemson Outdoor Laboratory.

There are presently two bills pending in the South Carolina General Assembly (S. 535 and H. 4039) that, if passed as now written, would become the Clemson University Enterprise Act, and a new University Division would take control of "enterprise activities" with the following authorities:

"It may sell, convey, lease as lessor, exchange, and otherwise dispose of any real and personal property and other assets upon the terms and conditions it considers appropriate. The proceeds derived from the sale, conveyance, lease, exchange, or disposition of any real and personal property...must be remitted to the board to be used exclusively for the support of the enterprise division or Clemson University."

The LHA Executive Committee and Executive Director, as well as the Executive Director of Upstate Forever and several environmental oversight organizations are concerned that the Act, as now drafted, could be later interpreted to allow the Clemson Forest to be transferred to the Enterprise Division. Once transferred, the Division could then attempt to sell or lease some or all of the property. We do not believe this is the intent of the legislation and have been reassured as

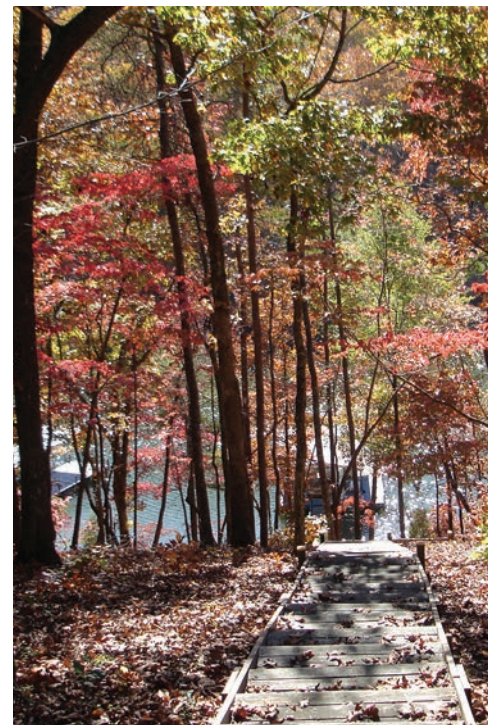
such, however we feel that all doubt about this issue would be removed by adding the following statement to the bills:

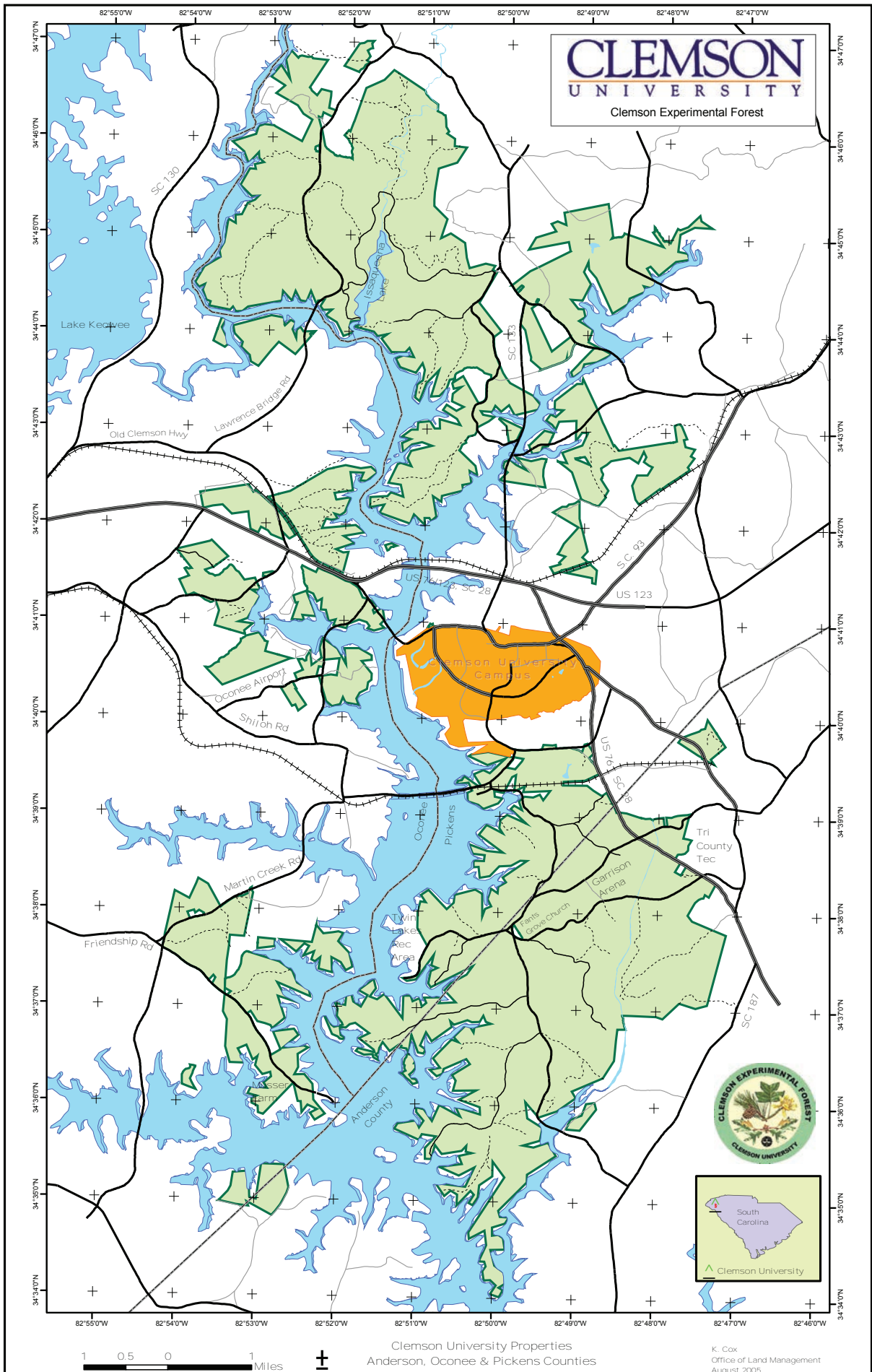
"This Act shall not apply to the lands that are owned by Clemson University and generally known as the Clemson Experimental Forest and Farms".

The Clemson Forest is a treasure. It should remain an undeveloped natural resource, and no part of it should ever be sold, leased, or exchanged.

Please take a few minutes to call, email, or otherwise send this message to your State House Representatives and Senators "for the sake of the lake".

And when you're looking for something to do on a nice day, pack a picnic lunch and go visit the forest. Maps and information about the Clemson Experimental Forest can be found at <http://www.clemson.edu/cafls/cef/>.





THE CLEMSON PUMPING STATION

When I recently heard a reference to "the Clemson Pumping Station", I thought it was probably the weight training facility for the Clemson football team. It turns out that it has been adjacent to the campus for more than 50 years, is closely associated with Hartwell Lake, and more than justified its existence last summer. When Hartwell Lake was being planned in the early 1950's it was determined that constructing the dam as designed to accommodate a full pool of water at the

planned 660 ft. above mean sea level (msl) would cause flooding of about 390 acres of the Clemson campus, including the football stadium "Death Valley" which would have to be rebuilt on higher ground elsewhere on the campus. Obviously this upset many of the student body and alumni. The issue went political, and In 1960/61 two earthen dams were built to protect that part of the campus from being flooded as the lake filled.

The two dams, referred to as the Clemson Diversion Dams, blend well with the surrounding terrain, and are hardly noticeable from the lake side. Both dams top out at 680 ft. msl, 20 feet above Hartwell Lake's full pool. The upper dam is 2100 ft. long and the lower dam is 3000 ft. long. Obviously, when the dams were built the low lying area of the campus being protected from lake water backup became a "catch basin" that would trap rain runoff. This basin receives runoff from a drainage area of



ION JUSTIFIES ITS EXISTENCE

Submitted By Herb Burnham | Photos & Statistics provided by the Corps of Engineering, Hartwell Project Office

1750 acres. The Clemson Pumping Station was built at the lowest part of this new man made basin, 613 ft. msl, to capture and move the water into the lake, and protecting the campus from flooding.

The pumping station, operated by the Corps of Engineers, consists of two large electric driven pumps that can handle most normal rain runoff events. Each of these pumps can move up to 2000 gallons of water per minute (gpm) through a shared 20 inch carbon steel pipe into the lake. These pumps turn on and off automatically as needed. There are also two very large diesel engine driven pumps that can be started manually when needed during times of heavy and/or prolonged rain. Each of these pumps can move 24,500 gpm through two 30 inch carbon steel pipes. The two Caterpillar diesel engines are fueled by a 15,000 gallon on site tank.

The dams were upgraded in 1983/84 by adding concrete aprons to reduce seepage, and again in 2004/05 to meet maximum credible earthquake activity (MCEA) standards, at a cost of \$8.7 million.

Pumping Station "Passes the Test"

Anyone living in this region during 2013 is well aware of the heavy rain events we had in the late spring and summer of 2013. One of these events occurred on July 13, when the Clemson area received between 8 and 9 inches of rain, and another on August 2, when an additional 6.5 inches fell over a 24 hour period.

During the July 13 event all four pumps ran for 47 hours and moved more than 149 million gallons of runoff water into the lake, and the diesel engines used 2820 gallons of fuel. During the August 2 event all pumps ran for 100 hours moving more than 318 million gallons of water into the lake, and the diesels used 6000 gallons of fuel. It's interesting to note that much more water had to be pumped as a result of the August event even though there was less rainfall. This was largely due to the fact that the heavy July rainfall had saturated the soil so there was much less ground absorption of the water during the August event, thus a greater percentage of the rainfall was not absorbed and more runoff water had to be pumped into the lake. During the August event, water in the basin rose

to the 620 ft. msl level, less than 2 vertical feet below the new football indoor practice facility.

Risk Mitigation

Ground absorption is a major factor when dealing with storm water runoff. When the dams and pumping station were built more than 50 years ago, the 1750 acre drainage area had far more exposed ground to absorb rain water. Since that time, a significant percentage of that ground has been covered over by paved roads, parking lots and other construction. As a result, runoff today far exceeds that experienced when the pumping station was designed and built. The Corps of Engineers and the University are fully aware of this potentially critical situation and are evaluating options for dealing with it. These recent heavy rain events have obviously helped focus attention on the issue. Meanwhile, we should applaud the Corps for its diligence in maintaining and operating the Clemson Pumping Station. It certainly justified it's existence in August of 2013.



One of the Diesel engine pumps



New indoor football training facility

TWELVE MILE RIVER ACCESS

Submitted by Doug Young and Larry Dyck

One of the benefits of removing two of the three small dams on the Twelve Mile River is the creation of a 1.5 mile section of recreational whitewater. Dam removal came about as part of a settlement-project for damages caused by PCBs to the natural resources of the region. PCBs, or polychlorinated biphenyls, are toxic industrial chemicals that were released between 1955 and 1977 into a tributary of Twelve Mile River by the Sangamo Electric Company located near Pickens, SC.



As part of the PCB settlement, funds were made available to SC DNR and other natural resource agencies. Eventually some of these funds may be used to remove the third dam and to create a free flowing river running from

Hwy 11 all the way to Hartwell Lake. The removal of the third dam is still under consideration.

Paddle-recreation on the Twelve Mile River and Hartwell Lake can be divided into two types, whitewater and flat-water. From Hwy 137 to Lay Bridge is the whitewater region created as the river drops about 200 vertical feet over 1.5 miles. Below Lay Bridge the steep grade is lost and flat-water comes about. From Lay Bridge to Maw Bridge or Madden Bridge is a wonderful paddling excursion for people of any skill levels. The river runs through undeveloped and wild landscapes that offer a sense of wilderness while only minutes by car to Clemson University. Below Madden Bridge is Lake Hartwell where paddling can continue down to the Corp's Twelve Mile Recreation Area, or to one of the ramps provided by the City of Clemson. From Lay Bridge down to Clemson University, and beyond, the Clemson University Experimental forest provides many opportunities for landward excursions into natural areas.



The only place that the river has an official access point is at the Hwy 137 Bridge. Here the Easley Central Water District has provided parking and an access path down to the river. Just below their dam (see photo), is a protected launch area. But a word of caution: use of this access should be limited to experienced and well equipped paddlers who will run the 1.5 miles of whitewater down to Lay Bridge. It is not a run for beginners. *(for more info, see the Access Points map across)*

Other access points, including those at Lay Bridge, Maw Bridge and Madden Bridge are not officially sanctioned by the Corps of Engineers, but are well used by the public. It is hoped that in the future the Corps will partner with LHA and other local groups to complete a Blueway project and allow the introduction of signage and improved site amenities.



[Paddle access just above the rocks shown in picture](#)

In spite of the fact that the most PCB-impacted area of the region was the Twelve Mile River, no settlement dollars were allocated to support recreation in the river. To date, funds in the multi-million dollar cash settlement have only been allocated for fishing activities within less impacted areas of Lake Hartwell proper.

The Twelve Mile River provides a combination of flat-water and whitewater paddling, as well as fishing experiences. A “standing-wave” located near Lay Bridge has been a teaching site for Clemson University students learning to kayak. The Lake Hartwell Association will continue to follow the access issue and will encourage improved



recreational access along the river and lake.

Those interested in whitewater should visit the American Whitewater Associations website with valuable information on running the Twelve Mile River along with many pictures. The website address is: <http://www.americanwhitewater.org/content/River/detail/id/1709/>

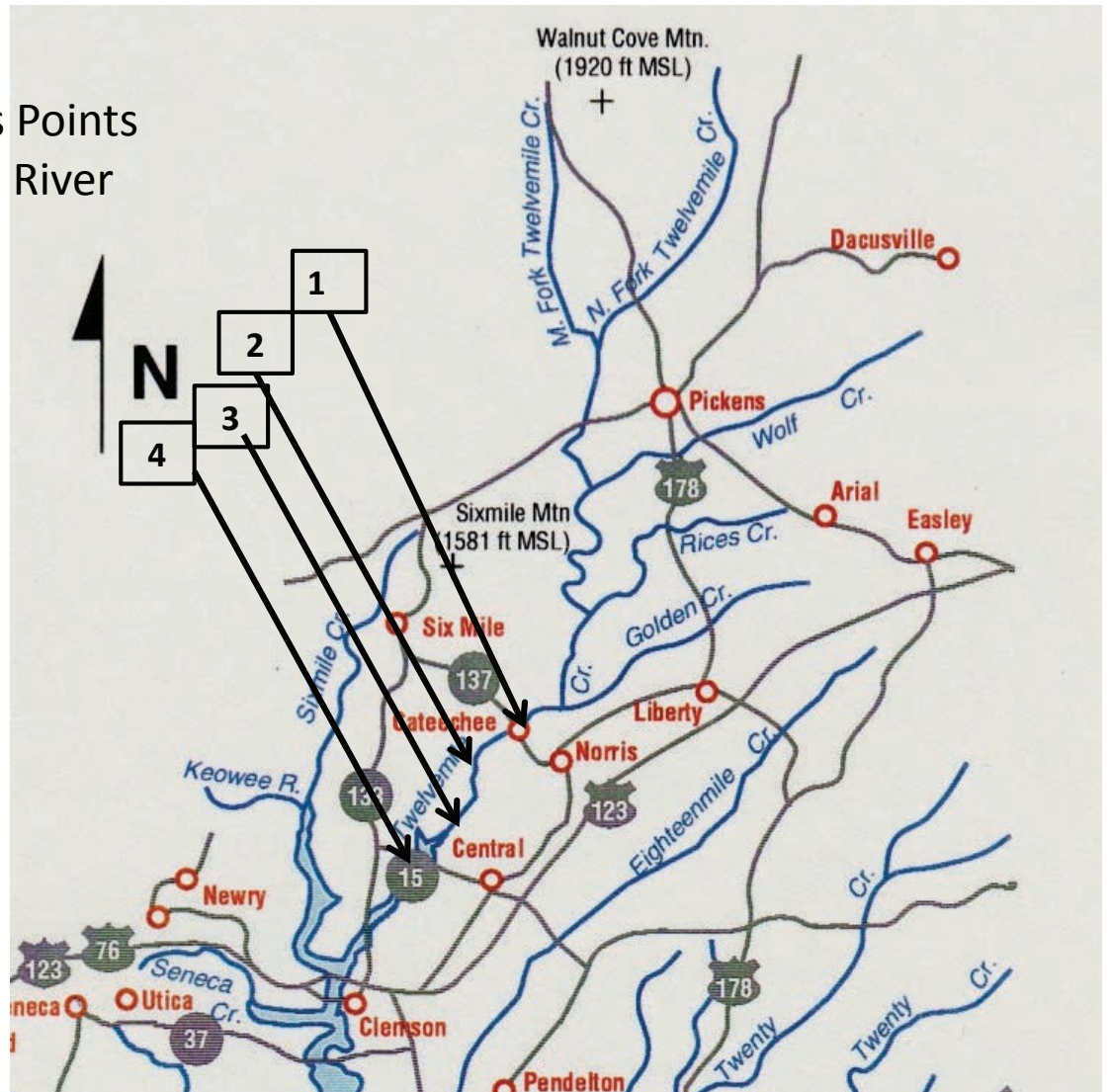
Blueway Access Points On Twelve Mile River

1 = Bridge on SC Hwy 137

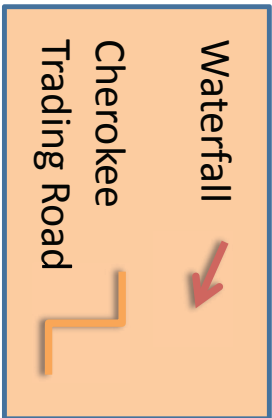
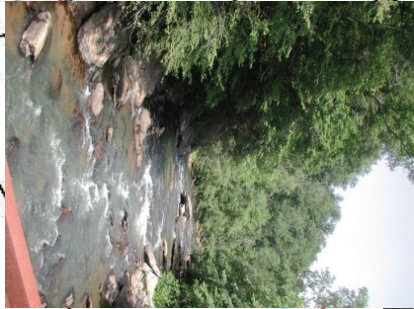
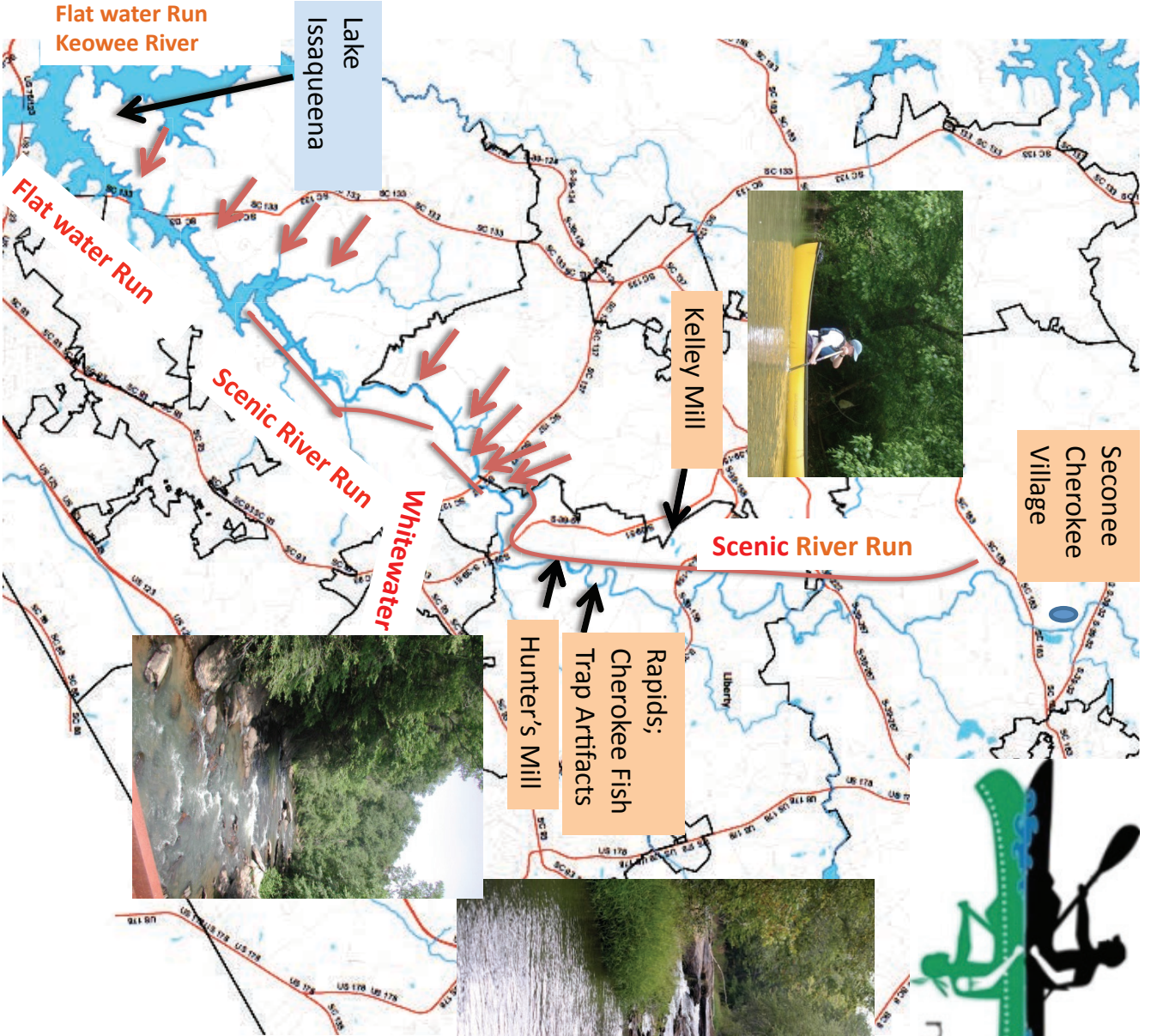
2 = Bridge on Lay Bridge (S-39-277)

3 = Bridge on Maw Bridge (S-39-337)

4 = Bridge on Madden Bridge (S-39-15)



maps continued on page 10



**National Park Service
Grant**

JOINT STATE LEGISLATIVE CAUCUS UPDATE

Submitted by Herb Burnham

The Lake Hartwell Association (LHA) has been playing a key support role with the recently formed South Carolina and Georgia Water Caucuses. Please recall that our Fall Newsletter covered the September 18, 2013, joint caucus kickoff meeting, emphasizing how important it is to have both states working together with the Corps of Engineers, stakeholders throughout the Savannah River Basin (SRB), including LHA, and federal representatives of both states. Both governors, Nikki Haley and Nathan Deal, attended the meeting, along with the new Corps Savannah District Commander, Col. Thomas Tickner. A significant number of state representatives from both states who make up the caucuses also attended, along with regional media representatives. The Fall Newsletter is available at www.LakeHartwellAssociation.org.

Following the Joint Caucus meeting, LHA representatives met with South Carolina State Representative Don Bowen (R – Anderson County) and Georgia State Representative Allen Powell (R – Hart County), who headed up the formation of and continue to lead their respective state's water caucus, and organized the cooperative joining thereof, to address water issues within the shared SRB. During that follow up meeting, LHA presented to them the following proposed Resolution for both State Houses to consider adopting early in their respective 2014 sessions. Note that the Resolution specifically addresses the need for an adaptive management approach by both states and the Corps of Engineers in the future management of the SRB.

PROPOSED JOINT STATE WATER CAUCUS RESOLUTION

WHEREAS: The Georgia and South Carolina State Assemblies have formed a Joint Water Caucus to encourage and provide political support for an ongoing bi-state program of optimizing the management of shared water resources in the Savannah River Basin (SRB), and

WHEREAS, The Corps of Engineers, as managers of these shared water resources along with applicable state agencies, are conducting a comprehensive study of the impact of recent droughts in order to determine what improvements to the SRB Water Management Manual should be implemented, and

WHEREAS, Clemson University has successfully demonstrated in the SRB, new state-of-the-art technologies that would greatly enhance the collection and availability of real-time water quality and quantity data throughout the SRB, and

WHEREAS, increasingly unpredictable climate changes continue to make weather predictions less reliable and therefore management of water resources based on historical data less reliable, and

WHEREAS, this unpredictability and the reliance on rule curves based on past weather patterns has compounded the negative impacts of several severe droughts in the SRB over the past decade due to unnecessary releases of water reserves from the SRB reservoirs prior to and during early stages of the droughts, therefore

BE IT RESOLVED the Joint State Water Caucus hereby encourages the appropriate agencies of the two states along with the Corps of Engineers, as part of the current study, to explore, develop and implement a flexible adaptive water management program for the SRB that utilizes real-time data and applies lessons learned during recent droughts to define the most practical and conservative reservoir storage rules based on actual conditions and real time data, with the ultimate objective being an ongoing program that ensures continuous optimization of water quality and quantity management throughout the Savannah River Basin.

FOOTNOTE: As of this writing Representative Bowen has advised LHA that the Resolution has been filed with the SC House of Representatives for approval; and, Representative Powell advises a slightly modified version will soon be filed with the GA House.

MEMBERSHIP AND VOLUNTEERS

Reinforcing the Foundation of the Association

Challenges from the Executive Director

The Lake Hartwell Association (LHA) has advocated “for the sake of the lake” since 1980, and has grown to a current membership exceeding 1800 families and businesses. Assuming an average of at least two voters per family or business, means the association represents an estimated 4000 voters in the six South Carolina and Georgia counties bordering our beautiful lake. Maintaining a strong and growing membership is significant when advocating for lake related issues at the two state capitols, and when working with our elected federal representatives and senators.



Importance of Membership

Just as 2013 was one of our best ever years in terms of rainfall filling our lakes, 2014 could well be a similar banner year in terms of lake related legislative and water management issues. Please recall that the two states formed water caucuses in their general assemblies in 2013, and that the two caucuses have agreed to become partners in supporting and expediting issues that will improve the management of the entire Savannah

River Basin. On September 18, 2013, both governors, heads of key state agencies and several hundred elected local, state and federal representatives of both states, attended a joint-state water caucus “kickoff” meeting at the Big Oaks Recreation area on the shores of Lake Hartwell. LHA played a significant role in the planning process and the program. Governors Haley and Deal attended and both noted that this type of partnership and cooperation by two states regarding shared water resources is unprecedented; and is far less expensive and much more productive than fighting each other in the courts. South Carolina state representative Don Bowen and Georgia state representative Allen Powell deserve a great deal of credit for their work in organizing the two caucuses and making the joint-state relationship a reality recognized at the highest levels of the two state governments.

In addition to the two states coming together, the joint caucus meeting also demonstrated the Corps of Engineers’ willingness to work with the two states to improve the management of the Savannah River Basin (SRB) and, along with the two states, signed an agreement that allowed the three

parties to officially begin work on the long awaited Phase 2 of the Comprehensive Basin Study that will specifically address drought management improvements based on what was learned from recent droughts. Subsequently, LHA has provided both caucuses with suggested language to be included in two new state house resolutions to specifically promote the use of adaptive management techniques and latest real time data collection technologies in future management of the SRB (See previous article).

Although LHA continues to address many other issues on a day-to-day basis, the above is included here to highlight the importance of its legislative activities and to stress *how important a strong membership is to LHA’s advocating for improvements in water management in the SRB*. Every new member increases LHA’s recognition and strengthens its “voice”. Also, for LHA to continue to succeed, it must have sufficient operating funds to carry on day-to-day activities and keep our members informed. Membership dues and special donations, both tax-deductible, are LHA’s primary sources of revenue. So, let’s all get serious about recruiting new members.





Please keep in mind that LHA is not a “lake homeowner’s association” and that everyone is welcome to become a member; however, it is interesting to note that there are approximately 11,000 active dock permits on Lake Hartwell, yet our membership is in the 1800 range. That means there are about 9200 dock permit holders on the lake who are not members. One would assume that anyone having a dock permit would want to support keeping lake levels as high as possible, keeping the lake as clean and safe as possible, and would want to be kept well informed of what is happening with regard to lake issues. Most of all, being a member of an established and recognized lake advocacy association should bring some comfort. Also knowing that issues effecting lakefront property are being monitored by an organization that has dedicated 22 years to the lake; and that its members will be kept informed of issues that may impact the value of their investments including, but not limited to; legislative, technical, environmental, safety and security issues.

Membership Challenge

So, here’s the first challenge. Every member is challenged to recruit at least one new family or business member before Memorial Day 2014 (May 26). When you do, please email or call the Association so that you can be recognized as a member

that appreciates what the Association does and is willing to give a little extra to ensure its continuing success.

To contact the Association via internet, go to www.LakeHartwellAssociation.org and click on “contacts” or via phone by calling 864-224-5253, and leaving a message. You will be contacted by a friendly member volunteer who will take your contact information and answer your questions.



Volunteer Challenge

The second challenge concerns volunteering. LHA is a not-for-profit association of volunteers. A large percentage of its membership are retirees who are likely to have some free time and would like to fill that time doing something meaningful for the environment and this region in general. LHA is always looking for volunteers with a wide range of experiences, specialties and talents. For example,

those with technical backgrounds may be interested in serving on the Technical Committee that provides technical oversight of projects, events, and issues around, or on the lake that could be sources of pollution, safety hazards, etc. Concerns are reported to the appropriate state or federal agencies and followed up on until they are resolved. We also need volunteers to organize meetings and programs, help publish newsletters, work on water safety and security issues, and help with lake related education programs.

Retired or not, If you think you may be interested in volunteering, please let us know by phone or the internet as noted above. We will be keeping an active list of potential and active volunteers and will do our best to thoroughly brief volunteer candidates, and help find the best match for their backgrounds and interests. *Remember, everything we do as an association is for “the sake of the lake”. So, if you like accomplishments that are truly meaningful and something you can actually see, feel and enjoy...take it from me, looking out across our clean and beautiful Lake Hartwell and knowing you have played a part in keeping it that way for now and for future generations, can “make your day”.*

Welcome Aboard, New Members!

Please welcome the following members, who have joined LHA since our last newsletter.

New Family Memberships

- Jonathan Acker
- Jimmy Britt
- Mr. & Mrs. Sean B. Howard
- William Oakerson
- Lance Owens
- John Rowley
- Alex Scott
- June Russell
- Judie Schneider
- Thomas & Sandra Thomas
- D. Scott Wilson
- Jennifer Wooldridge

Special Donations

We wish to recognize our members who have made special donations to support LHA's work "For the Sake of the Lake."

- Mr. & Mrs. Sean B. Howard
- Mark Howell
- Robert J. Lord

IF YOU SEE ANY OF THE FOLLOWING IN A LOCAL WATERWAY, STORMDRAIN, OR DITCH,

THESE ARE ILLICIT (ILLEGAL) DISCHARGES:

- Septic or sewer overflow
- Construction or paint waste
- Pesticides or fertilizers
- Leaves or grass clippings
- Litter or debris
- Oily, soapy or discolored water
- Household or cleaning chemicals
- Cooking grease
- Chemical or oil spills
- Pet waste

TO REPORT POLLUTION

Anderson County
(864) 260-4444

Pickens County
(864) 898-5789

ANDERSON & PICKENS COUNTIES
stormwater
PARTNERS

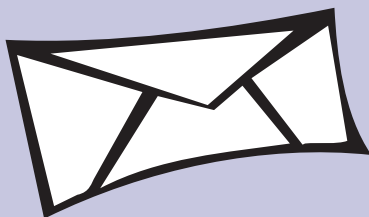


For more information, please visit
www.andersoncountysc.org
www.co.pickens.sc.us
www.clemson.edu/carolinaclear



GOT EMAIL??

Please remember to update your email address to make sure you're getting the latest LHA news, meeting notices and action alerts!



Not sure we have your current email address?
Send an email to
membership@lakehartwellassociation.org

LHA respects the privacy of its members and does not share contact information, including email addresses, with anyone.

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 collect and distribute information on matters affecting Harwell Lake.

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

THANKS FOR YOUR SUPPORT!

We are especially thankful for the Community and Business members that generously support LHA!
Their contact information and website links are available on the LHA website!

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Lake Hartwell Association

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Winter 2014

Membership Application

You may mail this Membership Application form with your check to LHA at the above address,
 or visit the LHA website (see above) to make a secure credit card payment!

Membership Information: Check all that apply



New Renewal Address Change Amount Paid \$ _____ Date _____

Family \$35 Community, Association or Business \$100

Gift Membership Additional Donation \$ _____

Name _____

Spouse's Name *(If Family Membership)* _____

Mailing Address _____

City _____ State _____ Zip _____

Phone(H) _____ (W) _____

Cell _____ Email _____

Occupation(s): Yours _____ Spouse's _____

(If retired, check here and give former occupations above)

Lake Address _____ County _____

(*if Gift, Your Name & Address) _____

Make checks payable to Lake Hartwell Association, Inc.

Send to address above

Give Something Back to the Lake

Please select committees on which you would be willing to serve

- Technical
- Legislative
- Programs
- Lake Cleanup
- Safety
- Membership
- Publications
- CoveKeepers
- Other