



Friends of Lake Glenville

Protect & Preserve Lake Glenville

Spring 2016 Newsletter

www.friendsoflakeglenville.com

Carolyn Franz, Editor

Preserve and Protect -Update On Water Quality Issues

Our Friends of Lake Glenville organization is now entering its 28th year, a significant achievement. We can be proud of a large membership base that continues to support our mission. We were organized exclusively to benefit and protect the natural beauty and integrity of Lake Glenville.

We are currently monitoring two issues impacting water quality in Lake Glenville. First, mercury levels in walleye fish were elevated and a state health notification was reported in 2014. Jackson County requested additional testing and in 2015 was notified that small mouth bass were also affected with elevated levels of mercury.

In a report issued February 22, 2016, NC Dept of Health and Human Services states "Previous studies have shown that largemouth bass in all waters of North Carolina have elevated levels of mercury." They recommend that pregnant women and children should not eat any walleye, small or largemouth bass from Glenville Reservoir and provide restrictions on other individuals on amounts of fish consumed. They state that the elevated levels in walleye, smallmouth and largemouth bass do not present a known health risk for people touching the water, wading, and swimming boating or handling the fish.

Our second issue deals with impacts to surface water quality from sources of sediment at an agriculture site near Salt Rock Road in the Pine Creek Community. Brett Laverty, Hydro geologist from the Division of Water Resources, N. C. Dept. of Environmental Quality has been

monitoring water quality impacts to Pine Creek due to current farming practices. Mr. Laverty was our FLG Breakfast speaker for September 2015. He provided a complete picture of how their division views and responds to violations.

Our Board spoke to him in April to request updated information for our members concerning the Salt Rock Road site. According to Laverty, "the farmer has been cited for two Notices of Violation. One, from the Army Corps of Engineers (Federal) regarding wetlands, and two, for excessive runoff leading to unacceptable turbidity in the streams (State NC). At this time, the Salt Rock Road site is not in compliance as the initial response from farmer's attorney did not appropriately address the source of the violations.

Laverty stresses that no one is attempting to stop this individual from farming. "We are simply asking him to develop a relationship with the Jackson County Soil and Water Conservation District, which provides free technical guidance on appropriate Best Management Practices (BMP) for soil conservation." In addition, the farmer may also be eligible for federal cost-share funding to implement these agricultural BMP's. The bottom line is that preserving good farm land and protecting agricultural soils should not be a foreign concept to most farmers.

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Preserve and Protect - Update Continued

Our FLG Board and Membership remains committed to protect and preserve Lake Glenville's water quality and ecology of the lake. Our Water Quality Team motivated by a concern of diminishing clarity of water, committed funding in 2003 to purchase scientific equipment for collection and analysis of water samples for turbidity and PH (acidity) of lake water. We also test samples of major inflow sites for nutrients, heavy metals, sedimentation and Ph balance. Diminishing clarity of water in Lake Glenville, FLG purchased scientific equipment for collection and analysis of water samples for turbidity and PH (acidity)) of lake water.

Your continued membership is critical to supporting our testing and monitoring efforts. We all love Lake Glenville for its natural beauty and clean water. Lake Glenville is an important asset in keeping our area as a desirable place to live and visit. Water quality and ecology of the lake truly protect our investments in our homes, land, and recreation.

FOR ADDITIONAL INFORMATION

Don Hansen of FLG water quality team has written a scientific analysis entitled, "The (Trophic) State of the Lake." The article is included in this newsletter. In addition, Doug O'Dell wrote another article for our FLG newsletter 2015 giving a complete background on mercury levels concerns. To read please go to our web site www.friendsoflakeglenville.com.

The (Trophic) State of the Lake

By Don Hansen

"Is Lake Glenville still the best lake in the mountains?" Is a question asked by members, only half in jest. The facile answer is "Yes, of course.", but a more thoughtful answer would be another question: "Best for what purpose?" The crystal clear waters of lakes high in the Cascade Mountains, for example, may look ideal to a viewer or photographer, but might not please a fisherman to the same extent. Another lake may have plenty of fish, but be choked with aquatic weeds and subject to oxygen depletion and fish kills. These extreme lake states are known as oligotrophic and hypereutrophic (from Greek: oligo = sparse, and hyper plus eu = over rich, plus trophic = nutrition). Limnologists further distinguish several intermediate states. Because natural lakes tend to trap nutrient chemicals, they typically evolve toward eutrophication over time.

As required by the Clean Water Act of 1977, The US EPA provide technical and financial assistance to the states to classify public freshwater lakes and to establish procedures and methods to control sources of lake pollution, and to restore lake water quality as necessary. The term "trophic state" essentially refers to the concentration of living matter in a lake, but that is a very difficult quantity to measure. Instead several algorithms using more easily measured properties such as Secchi depth, chemical nutrient concentrations, and planktonic assemblages have been proposed as proxies. One of the most popular was proposed by Robert Carlson, creator of the Secchi Dip-In, to which FLG has contributed data for many years.

During the summer of 1981 NC Scientists sampled 65 lakes ranging across the state from deep mountain reservoirs like (but not including) Lake Glenville to the Carolina Bays (Google those, a very interesting story). Measurements of Secchi depth, phytoplankton, chlorophyll a, and seven nutrient elements were made in these lakes. All measurements were made in these lakes. All measurements were of average values in the photic (sunlit) zone, conventionally estimated as twice the Secchi depth.

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The (Trophic) State of the Lake Continued

Measurements of eleven heavy metals (including mercury) were also made on 26 of these lakes. The most oligotrophic lake included was Apalachia Lake on the Tennessee border. In Cherokee County, in which the Secchi depth was over 18 feet, and the most eutrophic lake was Pungo Lake in Washington County on the coastal plain where it was a mere 3 inches. The development team concluded that none of the available classification schemes was suitable for classification of NC lakes. The reason apparently is that those schemes are based mostly on measurements from natural lakes, in which turbidity is largely due to planktonic organisms in the water, while many NC "lakes" are artificial reservoirs on fast-flowing streams in which inorganic suspended sediments play a larger role in determining optical properties of the water. Instead, using statistical tools too esoteric for description here, the team determined that of the many kinds of measurements made, a combination of just four: total phosphorus (TP), total organic nitrogen (TON) chlorophyll a (Chlo), and Secchi depth (SD) comprised a suitable proxy for a trophic state index. The first two of these variables are causes of eutrophication. The others are early responses, although suspended inorganic sediments also often impact Secchi depths in reservoirs like Lake Glenville.

Each of these four variables is transformed to a partial index score by the algorithm:

$$\text{Partial Score}_p = \{W_p / \log_{10}\} \times \log \{V_p / V_p\},$$

In which V_p denotes the average value of a particular variable in a given lake on the day of measurement, V_p the average of this value over all 65 lakes sampled during the summer of 1981, and σ_p the standard deviation of those 65 values. w_p is a weight reflecting the relative importance of each variable. (For the mathematically untutored: do not be intimidated by appearance of logarithmic

functions and standard deviations in this equation; it is a way of reducing disparate variable with a wide range of magnitudes to commensurate magnitudes. They will not be seen (NCTSI) is calculated as the sum of the four partial scores. A lake with values of all four parameters equal to the 65-lake averages in 1981 would have an NCTSI of zero, Negative NCTSI values, indicate more oligotrophic states, and positive values indicate more eutrophic states. The NCTSI values for the 65 lakes in summer 1981 ranged from negative 6.2 for Apalachia Lake to 9.9 for Pungo Lake. Intermediate states were defined as:

NCTSI greater than 5 => Hypereutrophic
NCTSI from 5 to 0 => Eutrophic

NCTSI from 0 to -2 => Mesotrophic

NCTSI less than -2 => Oligotrophic

The NCTSI was not intended for ranking of lakes, but it can be so-used. To FLG it is of interest to ask how Lake Glenville ranks. Three of the four parameters required for calculation of the NCTSI are beyond the equipment and technical skills of our water quality monitoring program. It can be calculated from data collected less frequently by NCDENR. Beginning in 1988 teams have sampled four sites on the lake in midsummer, at irregular intervals of one to five years, mostly once per year. Most recently, in 2009 and 2014, they visited the lake five times during the summer months. The sequence of indexes calculated from the data are shown in Figure 1. and the oligotrophic-mesotrophic boundary is marked, it is evident that Lake Glenville was consistently within the oligotrophic range during these two summers. In fact, its TSI is among the lowest 10% of sampled lakes, **as they were in 1981**, which is probably as most members would have it. It is also apparent however that during 2014 the lake is tending toward eutrophication on a longer time scale

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Presidents Letter 2016

Last year the Board with input from members decided it was time to try some new approaches to FLG Member communications and the number and type of events we sponsor each year. Our financial picture is a strong factor in all decisions, but not the only one. By adding corporate sponsors to FLG membership, we enjoy a healthy financial position.

Our newsletter has been praised by members as both a strong communication tool with our residents and part time residents. Our magazine style format with mail out to members was one way we could reach everyone. At one point we had twenty members without access to internet. So we both mailed our paper copy and sent a digital version. To reduce costs, this year our newsletter will be only sent through the web to our members. We will have some paper copies at our breakfast meetings to allow members to market our organization to their neighbors. We will continue to use our EBLAST system has allowed us to send timely notices for breakfast's meetings, fireworks, and other timely information.

Traditionally, the newsletter was mailed to part time residents at their winter homes. They mailed dues back promptly, and our membership has stayed at a high level since our membership campaign 3 years ago. Strong membership numbers and support is critical to FLG; the Board will be monitoring our membership numbers as a way to judge success.

The Board looks at each event we sponsor to see if it meets the member needs as well as marketing our organization within our community. For 2016, FLG will end our sponsorship of the Groovin on the Green concerts. The cost had gone up substantially. We added the Fish attractor program and will continue that program in June this year. Our Fireworks on the Lake costs around 12K each year. FLG provides the most funding but our sponsors: Trillium, Signal Ridge Marina, and Hattler Properties and other HOV and individuals donations allow us to keep this strong Glenville tradition alive. Our breakfast meetings continue at a high satisfaction and low cost level with sponsorship from Landmark Properties.

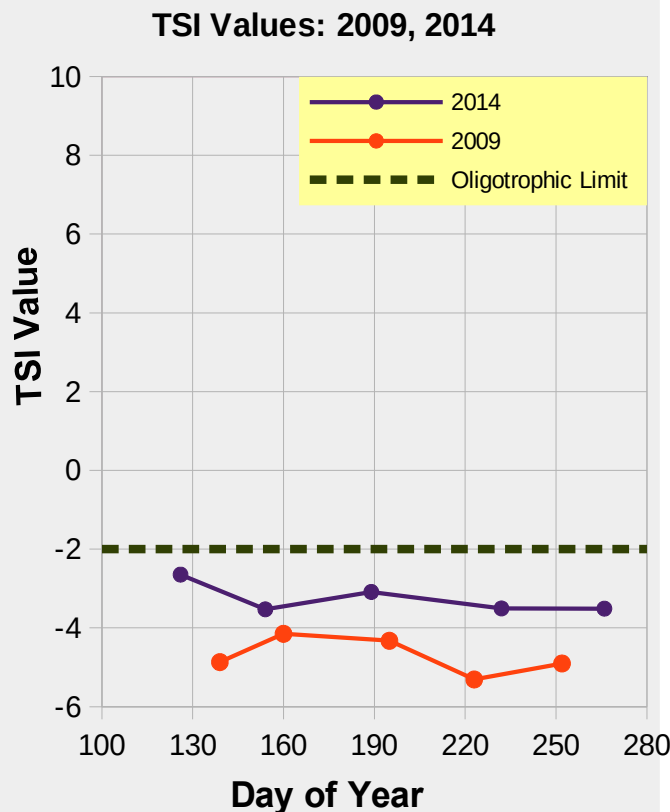
The one event that has given the Board the most concern is how to provide a value quality summer social event for members. I'm sure you know we have tried several types of venues and models. For 2016, we are pleased to announce a return to the Lake venue at Cedar Point Landings marina. FLG will sponsor a picnic and the event times and cost to members should meet expectations. Stay tuned for more information through EBLAST from Lynn Leach and Marianne Smith.

We should be proud of having an organization that is able to change in response to members requests while retaining a strong financial outlook. Our Board will looking for new members to become Board members for August Annual Meetings. Please email or call me if you would like information about serving.

Carolyn Franz
President, Friends of Lake Glenville
carolynfranz@msn.com
828.200.2540 cell

The (Trophic) State of the Lake Continued

Figure 1



To investigate this possibility I calculated the average of all measurements made during a given summer, and plotted them by year in Figure 2. Especially in the earlier years these data are extremely variable because few data are available for the averages. In some of the series however there is evidence for a positive trend which is displayed more clearly by least-square linear curve fits. While the rates of increase are not statistically significant from these data, it appears that the TSI has indeed been increasing, and also that the increase has been largely due to increasing nitrogen concentration in the lake. The increasing concentration of nitrogen could be due to such factors as the increasing number and age of septic

tanks around the lake, application of fertilizers by farmers and homeowners, or increasing waste-water discharges into our tributary streams, but it is not yet a cause for alarm. It is still the most oligotrophic contribution to the total TSI. A study done by NCDENR in 2014 showed that phosphorus, not nitrogen, limits growth of phytoplankton in the lake. That is, although our nitrogen level has been notably low compared to other NC lakes, there is in fact already more than the phytoplankton can use, due to a shortage of phosphorus. Adding more nitrogen without more phosphorus will make little difference. This situation is typical of freshwater ecosystems, and is the reason behind efforts to remove phosphorus from cleaning products over the past several years.

The partial score for total phosphate had not changed, and consequently neither has that for chlorophyll because photosynthesis cannot increase without more phosphorus. The partial score for Secchi depth appears to be increasing slightly. Turbidity has been a focus of the FLG water quality program for several years. Increasing Secchi score with no increase in chlorophyll suggest that turbidity is being increased by suspended inorganic sediment rather than by increasing phytoplankton. Increased suspended sediment likely results from a combination of increasing motorboat wakes and the Duke Energy policy of maintaining higher lake levels that was the practice in earlier years, which leads to increased erosion of the shoreline and unconsolidated sediment in shallow water areas.

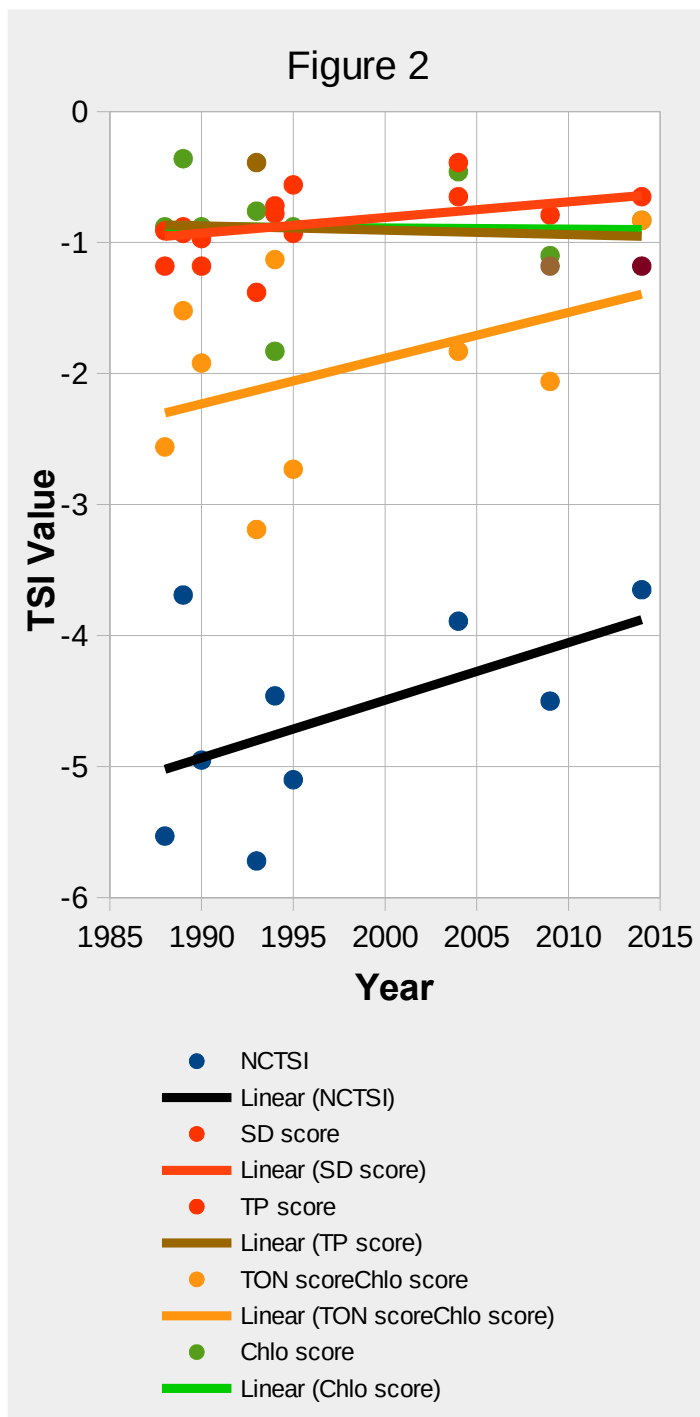
In summary, although the data for evaluation are sparse, they indicate that our lake is healthy, but also that vigilance as to sources of suspended sediment will still be prudent. Also I reiterate that data for evaluations of

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The (Trophic) State of the Lake Continued

the NCTSI are taken only from the photic zone, that is, the upper 15 to 30 feet of the lake. Important things happen also in the deeper water, including the processes that convert elemental mercury to the more persistent and toxic form; methyl mercury. More on that another day.

Lagnappe: I bothered to look a little into the situation of the NC lake that rated most oligotrophic in the 1981 survey. Appalachia Lake is about two-thirds the size (surface area) of Lake Glenville, and has about 20% greater shoreline, but it's watershed is ten times as large, which makes it almost a "run of the river" power reservoir. Being surrounded by the Nantahala National Forest, it has had little development or activity. It had lower partial scores than Lake Glenville in all four elements of the NCTSI, but experiences an eight-foot daily variation of water level, similar to an ocean tide. Not an easy place to manage a boat hundred feet greater than that of Lake Lanier, so you'd want air-conditioning in the summer. I'll take Lake Glenville.



Duke Energy

By Kevin Holland

Hello Lake Friends,

It's that time of the year again, time to put the boat back in the water and spend time with family and friends while taking in the scenery that surrounds Lake Glenville. I just want to take a second to say that before enjoying a day on the water, please take time to ensure that each person on board has a personal flotation device (i.e. life jacket) that is in good shape and fits them correctly. To view a short, yet informative, video that demonstrates how to properly fit a life jacket to a child, visit the web site:

kalkomey.wistia.com/medias/kixtbvga0n.

And as it says at the end of the video, "Remember, a life jackets got your back, but only if you wear it."

In this newsletter, I would like to address a topic that has been a mater of concern and discussion for some dock owners around the lake: covered boat lifts. The shoreline management guidelines (SMG). allow boat lift to be installed within a boat slip or adjacent to a pier/dock with proper written approval. The problem arises when the boat lift has an affixed covering/enclosure or the lift is constructed so that a cover/enclosure can be attached to the lift. The SMG does not allow covered or enclosed piers/docks nor does it allow any covered or enclosed structures to be placed on the pier/dock. Duke Energy considers any structure that is attached to a pier/dock including a boat lift, to be part of that pier/ dock. As such the restriction of no coverings applies to a boat lift/ and if installed, the structure will be considered non-compliant and in violation of the SMG.

As always, if you have questions about this or any other lake activity, please feel free to contact me by phone at 828-359-4513 or by e-mail at kevin.holland@duke-energy.com. And visit our website at www.duke-energy.com/lakes/nantahala.asp to see a copy of the current SMG, check lake levels, and find other information.

Kevin Holland
Lake Services Rep
Duke Energy - Nantahala Area

June 2nd, 2016

Fish Attraction Launch

at Cedar Point Landings

By: Larry Lively

Last year we entered into an arrangement with our friend Powell Wheeler the District 9 Lead Fisheries Biologist for the North Carolina Wildlife Management, to determine if a joint fish attractor program might be a worthy project for Friends of Lake Glenville to become involved in.

The Honey Hole Tree fish attractor is designed to be utilized in water at least 6 feet deep or deeper. The tree-like shape imitates natural fish cover and quickly attract many species of game fish. Each Honey Hole tree fish attractor has over 275 feet of flexible tubing that produces a permanent haven for bass, walleye and pan fish. The cone and limbs are made from environmentally friendly polyethylene. You can fish thru the structure without snagging, which puts more fish in the boat and less tackle lost, The attractors have over 15,000 square inches of surface area for algae, eggs, and insect larvae to attach to, The dozen slots around the exterior allow bait fish access to a place to hide with in turn attracts larger fish.



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June 2nd, 2016 Fish Attraction Launch at Cedar Point Landings Continued

Our fish attractor project featured 20 fish attractors/ 10 from North Carolina Wildlife Management and 10 from Friends of Lake Glenville. On June 10th we assembled and launched the attractors from Cedar Point Landings. Many of our members attended the launch and helped with the assembly.



During our recent board meeting we discussed the outcome of the program. Gary mentioned that he was pleased to see that the bass had started using the habitat last fall. Carolyn noted that we had received a lot of positive coverage for our willingness to “give back to the lake”. We all agreed to continue the fish attractor project with North Carolina Wildlife Management. The attractors have been ordered and we will launch them on June 2nd. If you are in the area please come join us at Cedar Point Landings. Watch for future announcement reconfirming the date and time for launch.



2016 Fireworks at Lake Glenville Sunday, July 3rd

Article reprinted from the June 2016 Issue of Laurel magazine by Jenny King

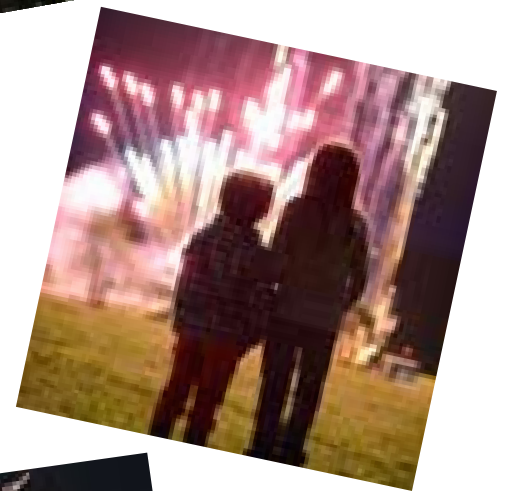
Carolyn Franz, president of the Friends of Lake Glenville, could not be more excited about the upcoming fireworks on Lake Glenville. This celebration was started many years ago and has since grown to be one of the biggest events the group sponsors. The fireworks extravaganza will be held at dusk Sunday, July 3rd.

Originally, the fireworks on Lake Glenville started with friends who decided to have a fireworks display on the lake around the 4th of July. It has since grown from a few boats on the lake to nearly hundreds of people in boats and cars along Highway 107 all watching as the professionally staged shoot lights up the night for miles. In 1941, the west fork of the Tuckaseegee River was dammed and the resulting reservoir became what is now known as Lake Glenville. Over the years, its waters became a tourist destination for kayakers, canoers, waterskiiers and pleasure boat enthusiasts who found a cool retreat in the Southeast's otherwise boiling summers, and its shores have housed a community of year-round residents who can trace their family trees back for generations. Lake Glenville encompasses 1450 acres and holds the distinction of being the highest elevation lake east of the Mississippi River.

The Friends of Lake Glenville members number over 300 and their mission is to protect and preserve the lake. They are responsible for the organization and financing of this, their signature event, and rely exclusively on private contributions. It is also sponsored by Trillium, Hattler Properties, Signal Ridge Marina and many homeowners associations in the area. This celebration costs well over ten thousand dollars and the pyrotechnic display is one

that draws folks from all over Western North Carolina. This year the show will again be land-based at The Point at Glenville Lake subdivision across the lake from Hattler Realty on Highway 107 N. Lake Glenville. Bring your boat or load up your car and enjoy the Fireworks on Lake Glenville, Sun-day, July 3rd at dusk.

For more information on The Friends of Lake Glenville visit their website at FriendsOfLakeGlenville.com



Member Breakfast & Summer Social 2016

2016 Friends of Lake Glenville Meetings and Dates to Remember

BREAKFAST MEETINGS

May 21st Randevu
Speaker Brett Laverty, Hydro Biologist, Division Of Water Quality

June 25th High Hampton
Zeke Cooper. See How Harrahs Has Blended The Mountains Sense Of Place While Paying Homage To Cherokee Culture In A Modern Context. See bio on Zeke on page 11.

August 20th Randevu.
Ken Taft Of Landmark Properties And Debbie Hattler Of Hattler Properties Will Jointly Discuss The Real Estate Picture In Our Lake Area. Both Are Gold Sponsors For Flg.

September 17th Mountaintop Lake Club.
All Things Glenville.

****breakfast Meals Will Begin At 8:30am.
Meetings Begin Promptly At 9:00am*

EVENTS

2016 Fish Attractor Launch.
June 2nd At Cedar Point Landings.
Look For Eblast For More Information!

2016 Flg Fireworks.
Sunday, July 3rd

2016 Flg Summer Picnic On The Lake,
Saturday, July 23rd At Dusk

Friends of Lake Glenville 2016 Summer Social



SAVE THE DATE FOR AN
ALL-AMERICAN BARBEQUE

2016

FRIENDS OF LAKE GLENVILLE SUMMER SOCIAL

WHEN: SATURDAY JULY 23, 2016

WHERE: CEDAR POINT LANDING

OVERLOOKING OUR BEAUTIFUL
LAKE GLENVILLE

TIME: 3-6 PM

WHAT TO BRING: AN APPETIZER, SIDE DISH
OR DESSERT

FOLDING CHAIRS AND BYOB IF YOU ARE
INCLINED

FLG WILL PROVIDE: MAIN DISH, SODAS AND
BOTTLED WATER

THIS IS A GREAT OPPORTUNITY TO MEET
NEW FRIENDS IN A FUN, CASUAL, AND
INEXPENSIVE SETTING!!

MORE INFORMATION WILL FOLLOW AT THE
MAY AND JUNE BREAKFAST MEETINGS AND
VIA E-BLAST

HARRAH'S AWARD WINNING LANDSCAPE ARCHITECT ZEKE COOPER

–“See how Indian culture and mountain geography are incorporated in Harrah’s Cherokee new projects.”

**FLG BREAKFAST
JUNE 25TH
AT HIGH HAMPTON
RESERVATIONS REQUIRED.**

“A Cherokee native, Licensed Landscape Architect Zeke Cooper has been part of the Harrah’s Cherokee design and construction team for the last seven years. He was responsible for the design and construction of all landscape elements during the 650 million dollar expansion in Cherokee and the 110 million dollar Harrah’s Cherokee Valley River Casino & Hotel. In addition, he was also the Tower II Project Manager overseeing the renovation of 313 hotel rooms in 2013. During his tenure overseeing the Harrah’s Cherokee property, his team has been awarded four National Grand Awards from the National Association of Landscape Professionals (NALP) and the Professional Grounds Management Society (PGMS). Zeke has also been the recipient of various State and National American Society of Landscape Architects (ASLA) awards.

Zeke holds a Bachelors of Science in Plant Sciences and a Master of Landscape Architecture degrees, both from the University of Tennessee, Knoxville. He has worked

in the office of world-renown golf course designer Tom Fazio in Hendersonville, NC and ValleyCrest Landscape Development. As the Lead Landscape Designer for Barge, Wagoner, Sumner & Cannon in Oak Ridge, TN, Zeke oversaw many commercial landscape projects, including the Scripps Network Headquarters in Knoxville, TN.

Currently, Zeke is a member of the NCASLA Chapter Executive Committee and the Board of Directors for the NCPGMS Chapter. Aside from Harrah’s Cherokee, Zeke is a founding Principal and Partner in the Cherokee based Landscape Architecture firm of Cooper|Stewart Landscape Architecture. The firm specializes in Culturally Sensitive Design & Planning, as they have completed many projects in partnership with the Eastern Band of Cherokee Indians. Current projects include the Rehabilitation of the Cherokee Botanical Garden, master planning services for the 53+ mile Cherokee Heritage & Cultural Trail, as well as the Nikwasi & Cowee Mounds improvement and preservation master plans.”

Boats Banned From New Lake Glenville Swimming Area

*(Reprinted from Smoky Mountain
News, Feb24-Mar 1, 2016 Issue)*

Starting in August, no boating vessels will be allowed at the new swimming area at the Pines Recreation Area on Lake Glenville in Jackson County following a vote by the N.C. Wildlife Resources Commission this month.

The new recreation area was completed last year by Duke Energy as part of its agreement for its federal permit to harness hydropower from Western North Carolina Rivers. The agreement included stipulation that Duke provide various recreational accesses along the waterways. Duke requested the no boats rule to ensure safety of swimmers using the new beach. The regulation will go into effect Aug. 1.

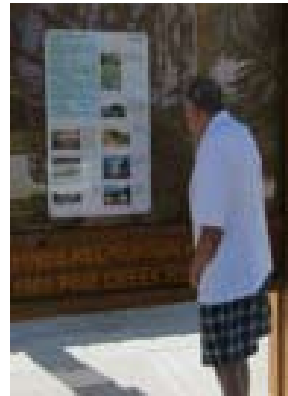
SPECIAL APPRECIATION FROM FLG

Last December, Friends of Lake Glenville received a \$1000 contribution to our organization from The Community Foundation of Western North Carolina. After some searching, we know that is from our FLG members and lake owners, Jerry and Gail Durkin of Stillpoint neighborhood.

In my five years with FLG Board, we have never received such an unexpected and wonderful gift. Please thank Jerry and Gail when you see them at our FLG events this summer.

Have You Seen The Glenville Historical Kiosk At The Pines Recreation Area At The Dam On Pine Creek Road?

Thanks to the agreement between Duke Energy recreation officials and the Glenville Area Historical Society historic signage depicting and recounting the history of Old Glenville before the lake was installed in July 2015 at the Pines Recreation Area. Displaying a historic sign about Old Glenville was an idea of GAHS Co-founder Woody Haynes. Carol Adams, GAHS President, worked with Woody to suggest the idea to Duke and to gather the materials needed to produce the sign. FLG members, community residents, visitors, recreationers and the general public will enjoy reading the story and as a result will know more about Old Glenville and how the lake was built.



*A visitor learns about
Old Glenville and the
lake at the Glenville
History Kiosk at the
Pines Recreation Area.*

Saturday, June 18- Annual Ice Cream Social 3PM-5PM, The Metz Family Historic Cabin (located on the hill adjacent to Blue Ridge Storage on Highway 107)

Saturday, July 23 – History Museum Grand Opening – 11AM – 4PM (located next to Signal Ridge Marina)

Thursday, September 22 – Annual Meeting-Historical Speaker or Program TBA (located at the newly remodeled Glenville Community Development Club)

The GAHS 2016 general membership drive is underway. Annual dues are \$10. GAHS members receive the GAHS newsletter, announcements and member pricing for the History Museum entry and History Tours. All monies raised from events and donations to GAHS fund the History Museum and Glenville History publication. To contribute, join and to request a membership brochure email historicalsocietyglenvillearea@yahoo.com or call GAHS President Carol Adams at 828 743.1658.

GLENVILLE COMMUNITY CENTER RENEWAL PROJECT

*Help pave the welcome path to
your community center.*

The Renewal Project for Glenville's Community Center includes a total façade renovation designed to blend Glenville's mountain heritage with a new look for Glenville Village. The project will preserve the community center's mission of serving all its resident through its many programs.

Below is a digital rendering of what the community center will look like when the renovation is complete.

The building has a rich history as a farmer's co-op, eventually becoming a meeting place for all Glenville. The project is a partnership of the Glenville Initiative, the Glenville Community Center and David Wallace and Associates.

Phase I is under construction now with a completion date of end of June includes re-facing, renovation and retrofit of GCC. The Thrift Store will have a new entrance and space redesign, allowing for more meeting space for local, county and rental availability. Artist Steve Daniel' Welcome to Lake Glenville mural will move to the front of the building. Phase II will expand the facility to a 100 person capability.

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*GLENVILLE COMMUNITY
CENTER RENEWAL
PROJECT Continued*

Phase I is under construction now with a completion date of end of June includes re-facing, renovation and retrofit of GCC. The Thrift Store will have a new entrance and space redesign, allowing for more meeting space for local, county and rental availability. Artist Steve Daniel' Welcome to Lake Glenville mural will move to the front of the building. Phase II will expand the facility to a 100 person capability.

Funding for the project has come from individuals, a county grant, and other donations. To complete the project, additional donations are requested.

Tribute pavers are being sold in three sizes to form the walkways at the center.

4 x 8	\$100
8x8	\$250
12x12	\$500

To order pavers:
Call 828.743.6375 and your call will be returned.

Or go to polarengraving.com and find Glenville Community Center under donors' websites. Fill out form.

Return form and all donations to:
Glenville Communities, Inc.
P.O. Box 133
Glenville, NC 28736

FLG

Friends of Lake Glenville

*Would like to thank
our 2016 Sponsors.*

Trillium

Landmark Properties

Hattler Properties

Signal Ridge Marina

*Thank
You!*



GOLD, SILVER, BRONZE MEMBERS

(AS OF 5/12.2016)

GOLD

BIRD, MAUREEN & ALAN
CASSIDY, JOHN & PAULINA
DUNKIN, JERRY AND GAIL
FRANZ, MIKE & CAROLYN
LEACH, DAVID AND LYNN
POPE-CRANNY, THOMAS
AND JENNIFER
O'CONNOR, TIM & LINDA

SILVER

BECK, CHARLES & NORMA
CALVERT, DONALD & LISA
GRATHWOHL / JORDAN, TOM &
DOROTHY
HARRISON, DONALD & TRICIA
HODGE, KENNETH & SHERYL
HOOKS, HOLLIS & DEBBIE
SMITH, DENNY & MARIANNE

BRONZE

BAREHAM, JOHN & SHELIA • CHAFFEE/SCARBROUGH, JOHN & KAREN
FAY, PETE & PAT • GARRETT, DAVE & CATHY
GETZEN, BILL & RUTH • GILLIES, JOHN & GABRIELLE
HALLDIN, KATHLEEN & NEW, CHARLES • HOLLAND-JOHNSON, LES AND VIRGINIA
JIMISON, RAY & GAYLE • MASSIE, F.S. MD
SCHEELS, BOB AND ALEXANDRA • SCOVIL, ROGER & MARYEARLE
SMITH, CANIE & LYNN • SMITH, RON & CAROLINE

Facts About Lake Glenville

- Dam completion: October 23, 1941
- Size: 4.5 miles long, 1470 acres, 26 miles of shoreline
- MSL: 3500 feet altitude at dam
- Maximum depth of lake at flood level: 125 feet
- Highest lake east of the Mississippi River
- Major supplying streams: Hurricane Creek, Norton Creek, Mill Creek, Cedar Creek, and Pine Creek.

"Boat Friendly"

- Be aware of, and obey the North Carolina laws of boating.
- Personal watercraft (jet skis) should observe the rules like any other watercraft
 - Slow to 5 mph if within 200 ft. of boats, swimmers, fisherman, or docks. When "in doubt", slow down!
 - YOU are responsible for the wake that your boat is throwing and should consider the consequences to others (i.e. dock damage, capsizing small craft, and bank soil erosion)
 - Always "give way" to (pass behind) non-powered boats such as sailboats, kayaks, canoes, and rowing craft. (200 ft. is a good gesture)
 - Ski and raft towing boats should never go beyond 100 ft. of their disabled skiers and have an observer aboard as well as a driver.
 - Keep noise within its proper perspective. Sound carries a long distance on water. Keep radios and recorders at a low volume.

- Pick up any "man-made" trash or litter you see floating in the water.
- Always stop and offer assistance to stranded boaters.



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