

# The Lake Loudoun Lifeline

THE QUARTERLY NEWSLETTER OF THE FORT LOUDOUN LAKE ASSOCIATION



2nd Quarter 2009

## FLLA Addresses Stormwater Issues

Many conveniences in our daily lives are taken for granted until they are no longer there or are no longer working. These “necessities” could include cell phones, the internet, your debit card or even the battery in your vehicle.

You might be asking what this has to do with stormwater. Like the necessities listed, we often do not think about stormwater and where it goes until we experience something negative, such as flooding. Recently flooding has been out-of-sight, out-of-mind because we are just exiting severe drought conditions.

Our watershed is experiencing rapid population growth and development. As development occurs stress is placed on our stormwater sewer systems. City and County planners are in the process of evaluating the current stormwater sewer systems because of this growth. More importantly, they are examining how these systems will handle future changes brought on by development.

This spring the FLLA was asked by the Office of Planning and Development to

assess outfalls on four creeks in Loudon County and Lenoir City. Locating and identifying these outfalls is an important first step in identifying potential sources of untreated pollution that empty into a stream system. Outfalls -including closed pipes, open ditches, and natural springs -are possible pollution sources because they carry uncontrolled runoff and pollutants such as oils, anti-freeze, and heavy metals from urbanized areas. They may also contain nutrients and sediment from agricultural practices.

An outfalls assessment is valuable because the number of outfalls correlates to the development density in the area and can be used to determine the level of land use. The greater the number of outfalls identified, the greater the level of development. An assessment can also identify problems with outfalls. If necessary, the assessment can also locate evidence of previous discharge events.

The FLLA assessed approximately 24 stream miles on Hubbard Branch, Fork Creek, Muddy Creek, and Town City located within

Lenoir City and Loudon County. At each location GPS coordinates and street locations were recorded, a physical description sheet was completed and photographs were taken of each outfall. The data will be used by Loudon County to layer their GIS mapping system.

A total of 149 outfalls were located among the four creeks. Of those, 25 outfalls require some level of attention. The damaged outfalls tend to be either damaged and in need of replacement or blocked. FLLA identified two areas that experience regular flooding through interviews with area residents. These areas were Muddy Creek at Lee Highway and Highland Park and Town Creek at Lenoir City High School.

The results show that the conditions of the outfalls along the four creeks are generally in good condition.



FLLA Staff on outfalls study along Muddy and Town Creeks.

Simple maintenance or replacement of the pipes that are damaged would further improve the handling capacity of the current system. To further improve the capacity of the current system, FLLA recommends that the city and county reassess the previously discussed outfall areas to alleviate and reduce non-point pollution issues.

## Fort Loudoun Lake sponsored as a Friend of Earth Fare

In January, FLLA was sponsored as a Friend of Earth Fare. Each month a local non-profit benefits from the Friend of Earth Fare program by receiving 10¢ every

time customers use their own shopping bags.

This program allows Earth Fare to donate hundreds of dollars to the local community while eliminating

waste. In January, Earth Fare also hosted a sushi-making class with all proceeds benefiting FLLA. Participants learned how to make sushi and improve our

local water quality.

*Earth Fare is a premier chain of natural foods supermarkets in the US. For more information, please visit [www.earthfare.com](http://www.earthfare.com).*

## Two Shoreline Restoration Projects



Mr. Albert Baah's shoreline after FLLA restoration.

In January, FLLA performed a bank stabilization project for Mr. Albert Baah, using a TVA Shoreline Riprap Plan. FLLA repaired a strip of shoreline 45 feet long and 8 feet high along the Holston

River. Erosion of this bank was especially severe due to summer conditions. FLLA staff laid filter fabric, riprap and topsoil fill to stabilize the bank and then planted grass at the top of the area. In addition, we removed four downed trees that had fallen

into the river. This should prevent further erosion and protect docks downstream.

Early this spring, Fort Loudoun Lake Association also completed a restoration project on approximately

660 square feet of shoreline for John Haynes.

FLLA staff members cut and removed invasive plants. FLLA also graded fill dirt that was loose along the shoreline and then tamped the dirt. The bank was then covered and secured with an erosion control blanket.

Five different species of native flowering plants were planted along the bank. The plants are self-seeding and their root structure will help hold the bank together for years to

come. The various plants should bloom during different seasons, providing color through much of the year.

Shoreline restoration and native plantings at John Haynes' dock.



### 1st Quarter Contributions in 2009

FLLAKE extends its thanks to all contributors who donated in 2009. Your support moves us closer toward our goal of cleaning up Fort Loudoun Lake!

#### Benefactors

Nyda Brook

#### Patrons

Betsey Bush  
Nick Cazana  
The Fort Loudoun Yacht Club  
Judy Morton  
Wolfgang & Judy Nelson  
Joe & Sharon Pryse  
Sea Ray of Knoxville

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David & Helen Traver  
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David & Valerie Wooley

#### Grants & Foundations:

Lucille S. Thompson Family Foundation  
United Way Monday Foundation  
Environmental Protection Agency  
City of Knoxville Parks & Recreation Challenge Grant  
1st TN Leadership Grant  
TVA Grant  
TWRA

### Three Lake Clean Ups: Boots on the Ground (and shore)

**MLK, Jr. Day:** On January 19, 2009 FLLA staff and volunteers participated in the National Day of Service picking up trash polluting a tributary of Fort Loudoun Lake. Despite a snowy day, the crew gathered a plethora of trash from William's Creek in East Knoxville.

**Clean, Protect, Restore:** On March 7, FLLA partnered with the Water Quality Forum and Americorps, on their annual clean up. FLLA focused on another section of William's Creek. Volunteers even found two guns, which were reported to and picked up by the police.

**Louisville Clean-Up:** On April 4, the Louisville Clean Up sponsored by FLLA, TWRA, the Town of Louisville and Keep Blount Beautiful combined with River Rescue to clean up some creeks. 72 FLLA members and staff pulled trash

and debris out of Georges Creek, Lackey Creek, and Poland Creek on Fort Loudoun Lake. 142 Bags of Trash, and 48 Large Miscellaneous Items were removed and disposed of with the help of the Blount County Highway Dept. The Dockside Grill and Louisville Marina combined to grill food for all participants. The Town of Louisville plans to make this an annual event!

**Special thanks to the Tennessee Wildlife Resource Agency** for sponsoring and providing necessary equipment for these events. Your assistance is invaluable!



Volunteers from the Louisville Cleanup eye the fruits of their labors before digging in to the feast

## FLLA Hosts 2nd Annual Raising of the Waters Festival

150 attendees joined Fort Loudoun Lake Association to celebrate and honor Fort Loudoun Lake on a beautiful spring day in April.

Kicking off the event, 14 large yachts hit the water with flags flying while guests on board celebrated the "raising of the waters". After the cruise, guests were treated to an authentic Cherokee "blessing of the waters" given by Jerry Wolfe of Cherokee, NC.

Following this special ceremony, guests dined at the Fort Loudoun Yacht Club and danced the night away to music from Poppa Hoppa. Bob Prince, chairman FLLA's Board, reported that the FLLA had removed over 20,000 logs, 6,000 bags of trash and over 1,600 large hazardous items from Fort Loudoun Lake and its tributaries during the past two years.

Penny Mitchell, FLLA's Executive Director, explained that the proceeds from the event are vital to the continued operations of FLLA. These operations include manning three boats on Fort Loudoun Lake to remove debris along its 52 linear miles and education efforts that teach citizens,

businesses, and youth how to help reduce and clean up stormwater, the largest contributor to pollution in our waterways.



Jerry Wolf, a Cherokee Native American, performs the raising of the water ritual.

This year's event featured wonderful auction items during the live and silent auctions. Some of the items included a kayak and accessories from Blue Ridge Mountain Sports, a road trip for 10 people on Nick Cazana's motor coach to the Lady Vols/Vandy Game, a 100 ft. Yacht Cruise for 25 aboard the Lagniappe hosted by Bruce Pearl, a ski package, a Ruth's Chris Cooking Class, a catered dinner, entertainment from Poppa Hoppa, Tail Gate Cruise and game tickets on a

### SPECIAL THANKS TO:

#### SPONSORS:

FORT LOUDOUN YACHT CLUB, VISIONARY HORIZONS WEALTH BUILDING MANAGEMENT, STEPHENSON REALTY AND AUCTION, POPPA HOPPA ENTERTAINMENT, GARY HEATHERLY PHOTOGRAPHY AND THE CASUAL GOURMET, DAVID KIGER, NYDA BROOK, SEA RAY OF KNOXVILLE, AND AMERICAN BOAT CENTER.

#### CAPTAINS AND FIRST MATES:

DON AND NANCY BOWMAN, MOONLIGHT COCKTAILS; MIKE AND JANE BARBROW, LADY JANE; BOB AND JANET PRINCE, MAGGIE MAY; DICK AND DOCIA POWELL, LADY D; BILL AND ELIZABETH CAMP, RED LOCA; LINDA COLE AND PATRICK, COUCH TIME; DAVID AND VALERIE WOOLEY, WOOLEY BULLY; WAHID AND SAMIA HANNA'S BLUEWATER; MITCH AND ALICIA JONES, BLONDIE; BILL SMITH AND NYDA BROOK, LAGNIAPPE; BARNEY AND Nanci TRAVIS, NMYDREAMS; TIM AND LISA CARROLL, COOL BREEZE; JACK AND JACKIE HARTGROVE, OFFLINE.

#### PLANNING TEAM:

FORT LOUDOUN LAKE ASSOCIATION EXTENDS OUR SINCEREST GRATITUDE TO THIS TEAM CHAIRED BY BECKY STEWART. COMMITTEE MEMBERS INCLUDED KAY SWICEGOOD, LINDA COLE, PEPPER MARCUM, TAMMIE HOPPER, JANET PRINCE, MIQUELA HALES, CANDACE HAILE AND PENNY MITCHELL.

## New Staff & Board Members

FLLA welcomed new Board of Director members: **Nyda**

**Brook and Dr. Joe Pryse** and new Chairperson, **Mr.**

**Robert L. Kahn**, and Vice Chairperson, **Mr. Ed Campbell.**

**Suzanne Ankrum** joined FLLA as the part-time Administrative Coordinator. Suzanne joins us from Richmond, VA where she worked as the Policy Programs Coordinator for Virginia Conservation Network, an umbrella organization of over 120 environmental organizations.

**Marielle Robertson** joined the staff of FLLAKE as the part-time bookkeeper. A native of Grand Rivers, KY, she has resided in South Knoxville for the past 10 years. Marielle splits her time between Ijams Nature Center.



FLLA Board Members in May 2009

For its grand opening, Lenoir City's 3 Minute Magic Car Wash donated \$1 to FLLA for each car washed during the month of May!



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## FLLA begins Community TV Show in June

Educating citizens on how their actions can impact the Lake is one of our primary missions. This month the Association will have a unique and exciting new forum to do just that on Knoxville's Community Television.

On June 11th, Fort Loudoun Lake Association will begin production for our biweekly television show, "Lake: A Production of the Fort Loudoun Lake Association."

This program will air twice a

week on local Comcast Channel 12 in the Knoxville area.

If you do not have Comcast, never fear, you can stream our program online during its allotted time at [www.ctvknox.org](http://www.ctvknox.org) by clicking on the red "stream" button.

We do not have an allotted time slot at this moment, but will be sure to announce on our website and to the FLLA membership once it is assigned.

## Calendar of Events for 2009

Visit [www.fllake.org](http://www.fllake.org) or contact us at 865.523.3800 for more information. (You may also view our updated trash report online.)

### June

June 26-27, MasterCraft Pro Wakeboard Tour, Volunteer Landing

June 27, Dragon Boat Races, The Cove at Concord Park

### August

August 5, Advisory Board Meeting

August 12, Board of Directors Meeting

August 29, Paddle for Clean Water

August 22, Boys and Girls Club Duck Race

### September

Quarterly Membership Meeting

### December

December 9, Holiday Open House

## Community Shares and FLLA

Fort Loudoun Lake is proud to be a new member of Community Shares.

This group of area non-profits works together to raise money

for vital community support in East Tennessee through payroll deductions. Member or-

ganizations support important social change within our community.

Visit Community Shares online at



[www.communitysharestn.org](http://www.communitysharestn.org) to learn more about their work.

*A sunny day on Fort Loudoun Lake. Used with permission of the photographer, Gary Heatherly.*



## FLLAKE Hosts Annual Member Meeting

The annual meeting of FLLA was held on February 10 at Ruth's Chris Steakhouse. Over 55 members congregated to hear an update about the organization, elect board members, and discuss FLLA's future projects.

At the meeting, the 2009 slate of Directors was approved. After this important piece of business, attendees heard an update about the financial state of the organization.

As is true of many organizations, FLLA felt the impact of the economic recession. We responded by reducing budgetary requirements to end 2008 on stable footing, but the importance of membership support is now more important than ever. FLLA announced the "Member Get a Member Campaign," asking all

members to help reach out to potential new members.

Other program highlights included discussion of our Food Service outreach program, "Land, Lakes, and Streams, CLEAN AND GREEN." In 2009, FLLA will begin targeting automotive facilities for this program.

Members discussed the Raising of the Waters Festival, our biggest annual fundraiser, shoreline restoration work conducted by FLLA in Holston Hills, new regulations aimed at reducing runoff, permeable concrete pavers, and gave a hearty congratulations to FLLA members Harris and Kim Kempner on their new baby boy.

A special thanks to all our members for your continued support!