

# LAKE LANIER ASSOCIATION

## Annual Membership Meeting



May 19, 2011

Forsyth Conference Center

Cumming, Georgia

*Committed to a clean and full Lake Lanier to enhance its economic value to Georgia.*



## TABLE OF CONTENTS

The Lake Lanier Association .....	4
Annual Membership Meeting .....	5
Board of Directors.....	6
Annual Treasurer’s Report .....	16
Profit & Loss Statement 2010 .....	17
Balance Sheet 2010.....	19
Profit & Loss as of April 30, 2011 .....	20
Presentation Slides .....	22
Tim Rainey - Biography .....	66
Senator Jack Murphy - Biography .....	67



## The Lake Lanier Association

Founded in 1966, the Lake Lanier Association is committed to a clean and full Lake Lanier to enhance its economic value to Georgia.

Our members' generous support allows the association to work to protect and preserve Lake Lanier by:

Working to improve water quality and quantity

- Participating in dialogs with all regulators responsible for various aspects of the lake and statewide issues and policy affecting water
- Promoting public awareness of the importance of Lake Lanier to Georgia's quality of life as a major source of drinking water, a recreational destination and the economic engine created by recreation
- Informing the public of issues affecting the lake
- Organizing and managing programs and initiatives within the scope of the association's mission



# Annual Membership Meeting

May 19, 2011

Forsyth Conference Center

## Agenda

- Welcome
  - Jackie Joseph, President
- Business Meeting
  - Val Perry, Executive Vice President
- Year In Review
  - Val Perry, Executive Vice President
  - Joanna Cloud, Executive Director
- Guest Speaker
  - Tim Rainey, Operations Project Manager Lake Sidney Lanier Project
- Key Note Speaker
  - Senator Jack Murphy – District 27
- Adjourn



## Board of Directors

### Officers

- ▶ Jackie Joseph, President
- ▶ Val Perry, Executive Vice President
- ▶ Gordon Brand, Vice President
- ▶ Paul Flood, Vice President
- ▶ Wilton Rooks, Vice President
- ▶ Roger Bauer, Secretary

### Directors

- ▶ Donna Baray
- ▶ Ron Coleman
- ▶ George Daniel
- ▶ Jim Hazelwood
- ▶ John Heard
- ▶ Patsy Kilmartin
- ▶ Tammy Levi
- ▶ Bev Nicholls
- ▶ John Richardson
- ▶ Charlie Rittenhouse





**Jackie Joseph, President**

Jackie has lived in Buford since 1964 and on Lake Lanier since 1978. Jackie and her late husband left Florida following college and marriage. He served in the U.S. Army for two years with assignments in South Carolina, New York and Kentucky.

They moved to Georgia following the purchase of an AM radio station. An FM facility was added in 1970 and both were operated until the sale in 2003.

Jackie has two married children and five grandchildren. Her daughter resides in Clermont and her son resides in Dacula. The five grandchildren love their visits to Lake Lanier.



**Val Perry, Executive Vice President**

Val is originally from Garden City, Long Island, and he and his wife, Sharon, have lived on Lake Lanier for 22 years. Val has a BA in Industrial Management from John Hopkins and worked as a sales and marketing executive with IBM for 27 years before becoming a senior vice president of Equifax 1988.

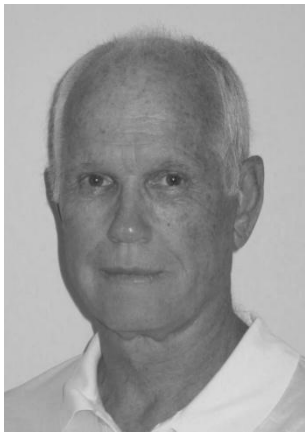
Val and Sharon have 5 children and 8 grandchildren. Val enjoys sailing and recreating on Lake Lanier, particularly with his grandchildren. He is dedicated to preserving the quality and quantity of Lake Lanier's water.





**Gordon Brand, Vice President**

Gordon and his wife, Jeanette, live in Dawson County on the shores of Lake Lanier. Gordon is the president and owner of Industrial Floor Coating, Inc. He is originally from Minnesota and graduated from the University of Minnesota in Duluth. His hobbies include travel, hiking, fishing, gardening and the arts. Gordon is an active member of the Dawson County community.



**Wilton Rooks, Vice President**

Wilton is a native Georgian who graduated from Georgia Tech with a Masters in Aerospace Engineering. After working in the Apollo program as propulsion engineer he focused on the computer industry where he was active in systems design, development, consulting, sales, and executive management. He was a member of Leadership Atlanta 1970 class and has been active in numerous citizen organizations including Scenic America, Scenic Florida and Scenic Georgia. He now lives on Lake Lanier with his wife, Diane.







**Paul Flood, Vice President**

Paul is an Atlanta native and a Georgia Tech Alumnus. He and his wife, June, owned a vacation home on Lake Lanier from 1973 until 1993; when they moved to the lake fulltime.

Paul is Chairman and CEO of Chattahoochee Health Resources, a management consultant business in the healthcare industry engaged in strategic planning, CEO and executive performance evaluation, as well as executive compensation analysis, for large not-for-profit public and private hospitals.

Paul and June have a son and two grandchildren. Paul is committed to the Association's mission of preserving the lake and the economic development of North Georgia.



**Roger Bauer, Secretary**

Roger is a resident of Cumming and has lived on Lake Lanier with his wife, Peggy, since 1984. They have two grown daughters, Jennie and Julie.

Roger graduated from Mercer University School of Law in Macon, Georgia, with a Juris Doctor degree, and he received his BS in Psychology in Iowa State University. He maintains his private law practice in Buford concentrating in wills, trusts, estates and probates. Roger also serves part-time as Magistrate Court Judge in Forsyth County.





**Donna Baray**

Donna is originally from Tennessee. She and her late husband Jaime moved to Lake Lanier in 1991.


Donna has worked as a Lake Lanier Specialist in real estate for eighteen years; she worked for Re-Max for over fifteen years and is now with Lakeside Realty in Cumming

Donna has also been involved in the planning for both the Lake Lanier Association fishing and golf tournaments with Jaime, and she has now joined us and is continuing the family tradition of serving on the board.

**Ron Coleman**

Ron is originally from upstate New York, where he obtained a BS degree at Cortland State, and MA degree from Northeastern Univ., Boston. He spent 10 years in mgmt. with Procter and Gamble and 30 years as VP of Empire Distributors in Atlanta, Ga. He currently has a consulting firm that works within the beverage industry. He and his wife Andrea recently moved to the Lake and are grateful that their three sons all live in the Atlanta area where they can enjoy family activities on the Lake.



	<p><b>George Daniel</b></p> <p>George is from Georgia and has retired from a legal and real estate career. He has both a BSA and MSA from the University of Georgia and a Juris Doctor from Woodrow Wilson College of Law.</p> <p>George volunteered for Lake Lanier Association events in 2008 before joining the board in 2009. He and his wife, Alice, divide their time between their home in Atlanta and their lake house in Dawsonville.</p>
	<p><b>Jim Hazelwood</b></p> <p>Jim was employed by The Georgia Marble Company since 1973 and was instrumental in the long-term success of the company, serving as Director of Sales and Marketing for 15 years. Georgia Marble Company was acquired by the International Minerals Firm, Imerys, in 1997. Prior to this acquisition, Jim was a principal and owner in Georgia Marble and served on their Executive committee from 1992-2000. He retired in 2000 and remained active within the new company through 2003 as an executive consultant relative to marketing, long range planning and strategic acquisitions.</p> <p>Jim is a graduate of Georgia State University and the Wharton School of Business.</p> <p>Jim serves on the Lake Lanier Watershed Governance Council, the Statewide Water Planning Commission, and the Metropolitan North Georgia Overlay Basin Committee, and also on the Lake Lanier Basin Advisory Council of the Metropolitan North Georgia Water Planning District.</p>





**John Heard**

After practicing architecture for over 30 years, John was elected to the Georgia General Assembly in 2002 as the State Representative from District 104. He served through 2008 and was Chairman of the House Appropriations Special Projects Committee. Most recently, John was elected to the Gwinnett County Board of Commissioners.



**Patsy Kilmartin**

Patsy spent her career in the telecommunications industry as a consultant to international telecom companies, contract manager with Lucent Technologies, manager of a fraud department with AT&T and various other management jobs with BellSouth. She attended law school at Georgia State University and was admitted to the Georgia Bar in 1991.

Patsy, her husband and daughter moved to the Gainesville area in 2001. She serves on the board of the Lake Lanier Association and is also a CASA volunteer and volunteers with the local Red Cross chapter and is a Hall County Master Gardener.





**Tammy Levi**

Tammy has lived in Georgia most of her life and grew up boating and camping on Lake Lanier.

In 2000, she purchased her first home on Lake Lanier and it was at that time that she joined the Lake Lanier Association. She became a volunteer for the Adopt A Lake program and shortly thereafter became a board member in 2003.

Tammy is employed with Georgian Bank in their Alpharetta office and has been in the banking industry for 11 years. She is dedicated to helping preserve our beautiful lake and hopes to enjoy it for many years to come.



**Bev Nicholls**

Bev and her husband, Denny, have lived in Gainesville, Forsyth County for over 11 years. Their children grew up in Roswell and they would come to the lake every summer. They now have two grandsons who enjoy going out in the motorboat, the sailboat, or kayaking with grandmother.

Bev has a degree in medical technology and has worked in various research and medical labs. She enjoys collecting the data with the Adopt A Lake group and sharing it with Gainesville College, Georgia Lakes Society and other interested groups.





**John Richardson**

John has a Management Consulting and Executive coaching business after retiring from two careers with Marriott and Ritz-Carlton, and Blue Circle and Lafarge respectively. Having been responsible for Safety, Environment, HR, and related activities, he has a passion for working to protect our lake one of Georgia's most important and valuable resources.

John has been a volunteer and member of the association as well as the Adopt-the-Lake program for several years, and has regularly participated in the Shore Sweep activities. John and his wife Ruth live on the lake in Cumming.

**Charlie Rittenhouse**

Charlie has served on the LLA board since 2000. His work has been primarily in the areas of water quality and water pollution control in Lake Lanier.

Before his retirement from the Southern Company, Charlie was involved in a variety of water quality compliance issues with the Georgia Power Company.

Charlie spends much of his free time playing with his grandkids and singing barbershop harmony. Charlie and his wife, Carol, live in Snellville and have been married for over 45 years. Since 1976 the family has shared a house on Lake Lanier.





**Joanna Cloud, Executive Director**

Joanna is a metro Atlanta native and a graduate of Georgia Tech. She has spent over 20 years working in the information technology industry. Active in her local community, she has held leadership roles on several different school or community group boards.

Joanna and her husband, Glenn, live in North Forsyth county with their three children.



## Annual Treasurer's Report

### General

The Lake Lanier Association had a balance year in 2010 and is poised for a better year in 2011. Revenues for 2010 were down from prior years due to the absence of any major grants, higher than expected membership fallout, and a membership level mix change downward.

For 2011, the Lake Lanier Association will conduct a major membership drive with a goal of 350 new members. We will conduct other fund raising activities.

### Expenses

LLA managed expenses very well, giving a balanced performance. Administrative costs are contained and remain solid as prudent management prevails in our activities. Although recently somewhat reduced, we continue to carry large legal debt (\$58,000) forward due to the Tri-State litigation.

The Lake Lanier Association is the only non-governmental or regulated entity engaged in the litigation. Our legal fees are significantly lower than those of the states, counties, and power companies but are very substantial for our organization and remain a top priority. The LLA needs major contributions and support in 2011 to continue to reduce this debt.

### Financial Summary – dollars in 1000's

	2009	2010	O/-U
Revenue	\$167.7	\$127.1	-\$40.6
Expenses*	\$179.5	\$129.5	-\$50.2
Net	-\$11.8	-\$2.6	

\*Legal debt not reflected in balance sheet for 2010





## Profit & Loss Statement 2010

	<u>Jan - Dec 10</u>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
<b>Membership</b>	100,715.76
<b>Events</b>	25,828.00
<b>Grants</b>	0.00
<b>Other</b>	459.66
<b>Total Income</b>	<u>127,003.42</u>
<b>Expense</b>	
<b>ACF Stakeholder Expense</b>	552.86
<b>Adopt-A-Lake</b>	306.65
<b>Advertising</b>	360.00
<b>Annual Meeting</b>	1,201.59
<b>Awards</b>	162.45
<b>Bank Fees</b>	761.65
<b>Contract Labor</b>	440.00
<b>Donations Exp</b>	225.00
<b>Dues and Subscriptions</b>	837.95
<b>Golf Tournament Expenses</b>	12,109.03
<b>Insurance - Liability</b>	1,114.00
<b>Legal Fees</b>	
<b>Clyde Morris</b>	35,045.92
<b>Gwinnett</b>	1,089.50
<b>Other</b>	1,040.80
<b>Total Legal Fees</b>	<u>37,176.22</u>
<b>Licenses and Permits</b>	60.00
<b>Meals &amp; Entertainment</b>	1,984.21
<b>Meetings/Conferences</b>	280.00
<b>Member/Volunteer Promotions</b>	168.49
<b>Membership</b>	50.00
<b>Miscellaneous expense</b>	395.92
<b>Office Petty Cash account</b>	40.00
<b>Office Supplies</b>	1,407.80
<b>Postage/Delivery Costs</b>	
<b>Postage-Membership</b>	984.34
<b>Postage-Newsletter</b>	1,567.18
<b>Postage/Delivery Costs - Other</b>	2,198.11
<b>Total Postage/Delivery Costs</b>	<u>4,749.63</u>
<b>Printing/Copying Costs</b>	
<b>Newsletter</b>	1,051.43



Printing/Copying Costs - Other	2,976.24
<b>Total Printing/Copying Costs</b>	<u>4,027.67</u>
Professional Fees	42,993.24
Program Promotional item	2,531.90
Promotions	
Atlanta Boat Show	392.85
Promotions - Other	<u>1,146.13</u>
<b>Total Promotions</b>	1,538.98
Rent - Office	3,219.00
Shore Sweep Expenses	5,238.23
Telephone/Communications	2,518.82
Training	10.00
Travel	<u>3,056.85</u>
<b>Total Expense</b>	<u>129,518.14</u>
<b>Net Ordinary Income</b>	-2,514.72
<b>Other Expense</b>	
Interest Expense (Imputed) - Loan from LLAF	<u>100.92</u>
<b>Total Other Expense</b>	100.92
<b>Net Income</b>	<u><u>-2,615.64</u></u>



## Balance Sheet 2010

	<u>Dec 31, 10</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
102 · Cash in Bank - SunTrust	10,059.62
103 · Petty Cash	60.00
106 · SunTrust Legal Fund	206.30
107 · Fidelity	<u>1,024.20</u>
<b>Total Checking/Savings</b>	<u>11,350.12</u>
<b>Total Current Assets</b>	11,350.12
<b>Fixed Assets</b>	
263 · Furniture & Fixtures	1,952.80
264 · Office Equipment	19,492.28
	-
280 · Accum Depr - Fixed Assets	<u>21,445.08</u>
<b>Total Fixed Assets</b>	<u>0.00</u>
<b>TOTAL ASSETS</b>	<u><u>11,350.12</u></u>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Other Current Liabilities</b>	
402 · Loan From LLA Foundation, Inc.	<u>5,100.92</u>
<b>Total Other Current Liabilities</b>	5,100.92
<b>Equity</b>	
510 · Fund Balance	14,090.65
520 · Retained Earnings	-5,225.81
Net Income	<u>-2,615.64</u>
<b>Total Equity</b>	<u>6,249.20</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><u>11,350.12</u></u>



## Profit & Loss as of April 30, 2011

	<u>Jan - Apr 11</u>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
<b>Membership</b>	42,820.00
<b>Events</b>	7,350.00
<b>Grants</b>	0.00
<b>Other</b>	16.06
<b>Total Income</b>	<u>50,186.06</u>
<b>Expense</b>	
<b>Advertising</b>	300.00
<b>Association Dues</b>	219.00
<b>Bank Fees</b>	62.79
<b>Corporate Registration</b>	50.00
<b>Golf Tournament Expenses</b>	706.40
<b>Insurance - Liability</b>	816.00
<b>Legal Fees</b>	
<b>Clyde Morris</b>	6,000.00
<b>Total Legal Fees</b>	<u>6,000.00</u>
<b>Licenses and Permits</b>	50.00
<b>Meals &amp; Entertainment</b>	1,285.39
<b>Miscellaneous expense</b>	47.79
<b>Office Supplies</b>	1,737.62
<b>Postage/Delivery Costs</b>	
<b>Postage - Membership</b>	784.00
<b>Postage - Newsletter</b>	216.46
<b>Postage - Other</b>	226.74
<b>Promotional Mailing</b>	1,099.43
<b>Total Postage/Delivery Costs</b>	<u>2,326.63</u>
<b>Printing/Copying Costs</b>	
<b>Newsletter</b>	1,757.38
<b>Printing/Copying Costs - Other</b>	3,252.57
<b>Promotion</b>	1,025.07
<b>Total Printing/Copying Costs</b>	<u>6,035.02</u>
<b>Professional Fees</b>	16,638.27
<b>Program Promotional item</b>	1,948.00
<b>Promotions</b>	
<b>Atlanta Boat Show</b>	1,011.18
<b>Promotions - Other</b>	426.49
<b>Total Promotions</b>	<u>1,437.67</u>



Rent - Office	1,236.00
Telephone/Communications	718.32
Travel	95.88
<b>Total Expense</b>	<u>41,710.78</u>
<b>Net Ordinary Income</b>	8,475.28
<b>Other Expense</b>	
Interest Expense (Imputed) - Loan from LLAF	32.76
<b>Total Other Expense</b>	<u>32.76</u>
<b>Net Income</b>	<u><u>8,442.52</u></u>



## Presentation Slides

### Year In Review

- ▶ New Programs
- ▶ Shore Sweep
- ▶ Adopt A Lake
- ▶ Golf Tournament
- ▶ Initiatives
  - ▶ Basin Advisory Council
  - ▶ ACF Stakeholders
- ▶ Conserve It Save It
- ▶ Legal Update



1



## New Programs

- ▶ E-store
- ▶ Community awareness
  - ▶ Media outreach activities
  - ▶ Rotary clubs
  - ▶ Homeowners Associations
  - ▶ Other lake related associations
  - ▶ Stickers
- ▶ Website updates
- ▶ Member automatic renewals
- ▶ LLA credit card program
- ▶ Member socials
- ▶ Annual meeting workshops



## Shore Sweep

- ▶ 20+ years annual event
- ▶ 800 volunteers
- ▶ 13 lake locations – Captains at each location
- ▶ 30 tons of debris pulled from the lake



3





## Shore Sweep

### ► Recognition for Event Support

- ▶ Advanced Disposal
- ▶ Boat Dock Works
- ▶ Captain Rick
- ▶ Dawson County
- ▶ Marine Specialties
- ▶ Publix
- ▶ Home Depot
- ▶ Lowes

► Shore Sweep 2011 Scheduled for Saturday, September 24th



## Adopt A Lake

- ▶ Established in 1998
- ▶ Water testing
  - ▶ 25 locations
    - ▶ 3 major lake areas
  - ▶ 23 volunteers
  - ▶ Water clarity
    - ▶ Secchi readings
  - ▶ Weather conditions
    - ▶ Water temperature
    - ▶ Rain assessment
  - ▶ Water quality
    - ▶ Chlorophyll A



## Adopt A Lake Results

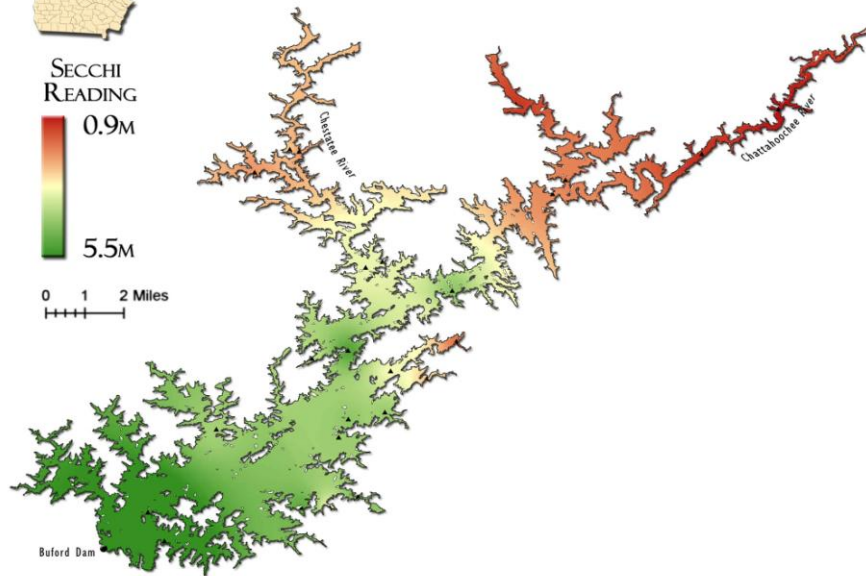
### ► Summary

- ▶ Lake quality remains steady with an index range of 6-8
- ▶ Database contains almost 3000 individual test results
- ▶ Continued outreach with state EPD and other agencies to coordinate results
- ▶ Results published on website and in LLA newsletters





## Lake Lanier: January, 2005 Secchi Reading



## 8<sup>th</sup> and 9<sup>th</sup> Annual Golf Tournaments

- ▶ Dedicated to the memory of Jaime Baray
- ▶ Legacy Golf Club – new course
- ▶ 2010 – May 24<sup>th</sup>
  - ▶ 102 golfers
- ▶ 2011 – May 16<sup>th</sup>
  - ▶ 80 golfers
- ▶ Revenue contribution \$6-9K



## Lake Lanier Association Initiatives

- ▶ Basin Advisory Council
- ▶ Political Relationships
- ▶ ACF Stakeholders Organization
- ▶ Conserve It Save It





*Working together to share a common resource.*



## Who are the ACF Stakeholders?

- ▶ Responsible citizens and organizations in GA, FL and AL including power companies, cities/counties, chambers of commerce, agriculture, recreation, navigation, riverkeepers – and more.
- ▶ The only group working on developing sustainable water management hydrologic models based on stakeholder needs with the objective of understanding where the current and future gaps are in water needs versus water availability.
- ▶ The only group working on identifying best practices options to close the gaps in water availability through investments in better technologies, water use policies and water management options.
- ▶ In summary – the only group with the goal of equitable sharing of the waters of the ACF Basin within the context of a sustainable water resource for current and future generations.





## Member Organizations

- Members include

- Local Governments
- Agriculture
- Water Suppliers & Treatment Operators
- Industry & Manufacturing
- Chambers of Commerce
- Power Companies
- Environmental & Ecology Organizations
- Water Experts
- Water Policy Makers
- Municipal Associations
- Advocacy Groups



- First time ever members of this diverse group have sat together to make recommendations regarding the ACF Basin with the same goals.



## ACF Stakeholder Goals

- ▶ Equitable sharing of the waters of the ACF Basin among diverse water user groups.
- ▶ Long term sustainability of the ACF Basin to meet the social, economic and environmental needs of users of the ACF watershed.



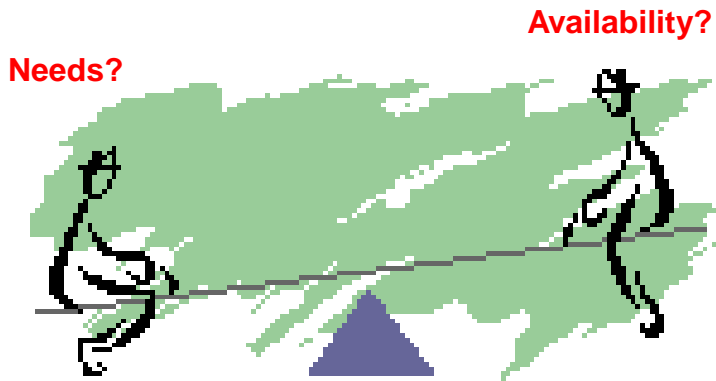
## Projects Completed

- ▶ Understanding the Problem Work Group
  - ▶ 140 page document describing the needs of each of the water interest categories
- ▶ Data Modeling Work Group
  - ▶ Inventoried the available modeling tools
- ▶ Sustainability Work Group
  - ▶ Defined sustainability
  - ▶ Defined performance criteria format for water needs



## Current Projects

Request for Proposals for Sustainable Water Management Plan



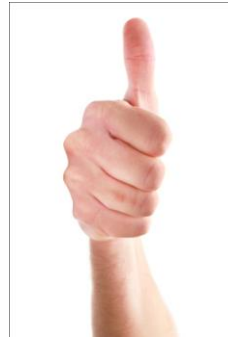
## Best Practices Project

### ▶ Carl Vinson Institute Survey

- ▶ Who is doing what
- ▶ Highlight successes
- ▶ Increase awareness

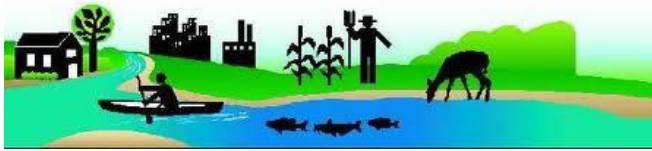
### ▶ Future

- ▶ What else can be done
- ▶ When and how much
  - ▶ Who pays for it...
  - ▶ How is it paid for...



## Importance of the effort

- ▶ Long term economic viability of the SE depends on water
  - ▶ Projected growth among competing interests puts more pressure on limited water resource
- ▶ Long term environmental sustainability of the SE depends on responsible use of water
- ▶ Long term we need a basin wide water management plan



You are welcome to join...

▶ Interest in the ACF Watershed?

▶ Email to:

▶ [Info@acfstakeholders.org](mailto:Info@acfstakeholders.org)

▶ Website:

▶ [www.acfstakeholders.org](http://www.acfstakeholders.org)



*Working together to share a common resource.*



## Conserve It Save It

- ▶ New Initiative – Conserve It / Save It Program
- ▶ 1073 lake level initiative
- ▶ Began in 2006
- ▶ Well supported by legislators
- ▶ If implemented, win-win situation for all parties







## Lake Lanier Association Supports Raising Lake Lanier full pool by 2 feet.

Georgia's citizens and virtually all government entities from the state house to the local city or county administration understand and accept the need to conserve Georgia's water resources. Georgia's economy – in fact the entire SE economy – depends on a reliable supply of fresh water for water supply, recreation, business, industry and environmental protection.

Georgia has passed a far reaching Water Stewardship Act to impose restrictions and incentives to fix leaks, to use less water and to manage water more efficiently. Cities and Counties, especially in the Metro Atlanta area have imposed even more stringent requirements.

### **But what happens to the millions of gallons of less water used on a daily basis?**

Unless we have more ways to store it, it flows to the Gulf of Mexico during times when there is excess water beyond what is needed for downstream uses. The challenge is to have programs and resources in place to store the water that is not used so that it can be beneficially used when rainfall does not provide enough water for the users of the ACF basin.

The fastest and cheapest way to store that water is in Lake Lanier, already the largest reservoir on the ACF watershed and currently with 14 feet of flood storage capacity. By raising the full pool level of Lake Lanier by only 2 feet and adjusting the USACE operating procedures for the ACF Basin, more than 26 Billion gallons of additional water can be stored during times of surplus to be used during times of drought.

The economics of this approach are over whelming. It is literally the 'low hanging fruit' to achieve increased water storage for all of the users in the ACF watershed – including those in Florida and Alabama. Without Lake Lanier's water during the drought of 2007, all downstream users would have had to live with what nature provided which was about 1/2 of the current minimum required flow into Apalachicola River. With more water stored in Lake Lanier, everyone wins.

While the costs in terms of time and money are insignificant compared to building new reservoirs, they have to be understood.

- One bridge is known that will need to be raised.
- Some ramps adjusted. Some walks at recreation facilities adjusted.
- Some – but very few – property owners will need changes to their shoreline especially if they have riprap installed.
- Very little will be changed at marinas since virtually all docks are floating.



If these costs were all aggregated and even if paid for by public funding, they would still be insignificant compared to the costs of even one new reservoir that will hold a small portion of the increased water stored in Lake Lanier by the 2 feet change. And only a portion of the total water in a new reservoir could be used whereas 100% of the 26 Billion gallons stored in Lake Lanier could be used for water supply and downstream water demands since it is stored above the conservation zone.

This is an idea that has rallied recreation users, businesses, environmental groups and many other stakeholders. It is a time that has come.

Along with the necessary re-authorization of Lake Lanier for water supply purposes, this change would be a major part of the solution to the SE water supply needs.

**The USACE needs to initiate the necessary study to better understand the costs and benefits of this change – now.**



May 13, 2011

Mitch Clark  
Executive Editor  
Gainesville Times  
P.O. Box 838  
Gainesville, GA 30503

Dear Mitch:

Thank you for asking the Lake Lanier Association to provide an editorial on our proposal for raising the Lake Lanier full pool level by 2 feet. Below is a write up with details of that concept.

### **Lake Lanier Association Supports Raising Lake Lanier Full Pool by 2 Feet**

Georgia's citizens and virtually all government entities from the state house to the local city or county administration understand and accept the need to conserve Georgia's water resources. Georgia's economy – in fact the entire Southeast economy – depends on a reliable supply of fresh water for water supply, recreation, business, industry and environmental protection. Georgia has passed a far reaching Water Stewardship Act to impose restrictions and incentives to fix leaks, to use less water and to manage water more efficiently. Cities and Counties, especially in the Metro Atlanta area have imposed even more stringent requirements.

### **But what happens to the millions of gallons of saved water used on a daily basis?**

Unless we have more ways to store it, that water flows to the Gulf of Mexico even during times when there is excess water beyond what is needed for downstream uses. The challenge is to have programs and resources in place to store the water that is conserved so that it can be beneficially used when rainfall does not provide enough water for the users of the ACF basin.

The fastest and cheapest way to store that water is in Lake Lanier, already the largest reservoir on the ACF watershed and currently with 14 feet of flood storage capacity. By raising the full pool level of Lake Lanier by only 2 feet and adjusting the USACE operating procedures for the ACF Basin, more than 26 billion gallons of additional water can be stored during times of surplus to be used during times of drought.

The economics of this approach are over whelming. It is literally the 'low hanging fruit' to achieve increased water storage for Metro Atlanta and for all users in the ACF watershed – including those in Florida and Alabama. Without Lake Lanier's water during the drought of



2007, all downstream users would have had to live with what nature provided, which was about ½ of the minimum required flow into Apalachicola River. With more water stored in Lake Lanier, everyone wins.

The need to reauthorize Lanier for water supply is a given—even at its current level. So that is not a factor associated with raising the lake by 2 feet. It is a factor associated with using any of the water from Lanier for water supply purposes. The path toward reauthorization is going to depend on the outcome of the 11th Circuit decision on Judge Magnuson's ruling and final agreements among the states.

Raising the lake by 2 feet can occur in a very short time period. During April 2009, the lake rose by 3 feet even though there was only 2.6 inches of rain during that month; considerably below average. There have been other months where it rose very little even with more rain. The level of Lake Lanier is determined by the rainfall below Buford Dam as much as the amount of rainfall above Buford Dam. The amount and distribution of rainfall in the entire ACF Basin, along with hydropower generation and the Corps of Engineers need to balance the downstream reservoirs, determine how much water is released from Lanier. We have seen Lanier rise extremely fast when there is ample rain fall either above or below Lanier. This recommendation would be to store more water when it is available, not to deprive downstream users of water when it is not in ample supply.

Raising Lanier by 2 feet is *NOT* presented as *THE* solution to Atlanta's water future. It is one part of the ultimate solution to Atlanta's water future. While doing so, it forestalls Lanier reaching the extreme low levels that it did in a drought similar to the 2006-2008 drought. Because of the 'martini glass' shape of the lake basin, if Lanier had started 2 feet higher at the beginning of that drought, it would have been 3 feet higher when the drought ended. As documented in the Economic Impact Study produced by the 1071 Coalition, the Lanier recreation economy degrades sharply whenever the Lake drops to 1060 or 1061 elevation. Any option to postpone that occurrence is a positive factor for the North Georgia economy. This idea should not be predicated on how many additional MGD of water can be used for water supply purposes. Instead, it should be viewed as a way to extend the time when is Lanier above the 1060 or 1061 elevation for the economic health of our area.

Securing an agreement with our neighboring states has to be the top priority for the three Governors. But that agreement alone does not create more stored water. It will deal with how that water is used. All parties to the agreement will benefit from having more stored water.

The cost and time factors of raising Lanier by 2 feet is miniscule compared to the costs of building new reservoirs. A properly done study will tell us what the costs will be. We all should be interested in a study to determine those costs. Lanier has been above 1073 over 300 times during its history—most recently in November 2009. It has been above 1077 on numerous occasions. Unlike the inevitable unknown surprises that crop up in building a new project, we have the benefit of some experience as to what happens around the lake at those higher levels.



This is not presented as an alternative to new reservoirs or any other viable ideas that will help secure the metro Atlanta's water future. Each idea for addressing Atlanta's water future has to stand on its own merits. This is an idea that has rallied county commissions, recreational users, businesses, environmental groups and many other stakeholders. It is a time that has come. Along with the necessary re-authorization of Lake Lanier for water supply purposes, this change would be a major part of the solution to the Metro Atlanta and the entire SE water supply needs.

**The USACE needs to initiate the necessary study to better understand the costs and benefits of this change – now.**

Wilton Rooks  
Vice President  
Lake Lanier Association



## Background—Drought Situation

- ▶ 2007-2008 Major Drought in Southeast
  - ▶ Significant Impact on Georgia
  - ▶ Lake Lanier Water Level Drop—1071 Down to 1050
  - ▶ Lanier Impact
    - ▶ \$232 Million Economic Loss
    - ▶ 5,200 Lost Jobs in North Georgia
    - ▶ 880,000 Fewer Visitors
    - ▶ Ramps and Beaches not Useable
    - ▶ Personal Docks Left on Ground



## Metro Water District

- ▶ Led the State in Studying the Water Issues and Action
  - ▶ Studied Three Aspects of Water Management
  - ▶ 15 Counties Participated
  - ▶ Implementation Plans Developed
- ▶ Developed Comprehensive Water Resources Plans
  - ▶ Completed in 2003 and Updated in 2009
  - ▶ Water Supply and Conservation Plans
  - ▶ Outside Water Use Restrictions
  - ▶ Conservation Pricing by Utilities
  - ▶ Low Flow Showers and Toilets Rebates
  - ▶ New Metering Systems and Requirements
  - ▶ Water Reuse Strategies
  - ▶ Annual Reporting by Participants



## Problem Definition

- ▶ Successes
  - ▶ Awareness
  - ▶ Proposed Solutions
- ▶ Results
  - ▶ Water Conservation
  - ▶ More Available Water for Future
  - ▶ Significant Georgia Focus on Water Issues
- ▶ Challenge
  - ▶ Conservation is Not Enough
  - ▶ Saved Water Flows to Gulf of Mexico
- ▶ Solutions
  - ▶ Create More Storage—New Reservoirs
  - ▶ Several Georgia Initiatives—Supported by Governor Deal
- ▶ New Reservoirs—Long Implementation 10-12 Years
  - ▶ High Costs \$200-\$400 Million
  - ▶ Significant Controversies





## Proposed Solution

- ▶ Raise the “Full Pool” Water Level at Lake Lanier
  - ▶ Increase Level From 1071 to 1073 Feet Above Sea Level
  - ▶ Provides New 26+ Billion Gallon Reservoir
  - ▶ More Storage Than Lake Seminole
  - ▶ More Storage Than The Sum of All Proposed New Reservoirs
  - ▶ Very Modest Cost For Implementation
    - ▶ One Bridge Will be Raised
    - ▶ Some Ramps Expanded
    - ▶ Some Recreation Facilities Adjusted
    - ▶ A Few Property Owners Will Update Their Shoreline Riprap Investment
  - ▶ History—Lake Lanier Has Been 1073 Over 300 Times
  - ▶ Proposal Originally Made by LLA in 2006



## Proposed Solution--Continued

- ▶ Raise the “Full Pool” Water Level at Lake Lanier
  - ▶ Study by Corps of Engineers Required
  - ▶ Georgia Legislature in Support of This Proposal
  - ▶ All Parties on the ACF System Benefit by this Proposal
    - ▶ Lanier Users
    - ▶ North Georgia
    - ▶ Downstream Stake Holders

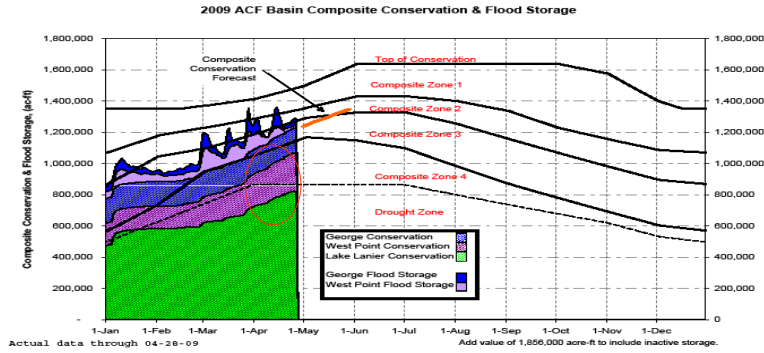


### Tri-State Water Rights Litigation Cases

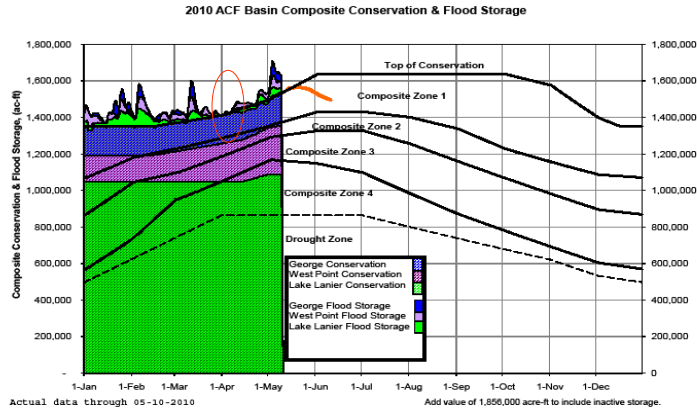
- ▶ **AL v Corps**                      **GA v Corps (GA II)**
- ▶ **SeFPC v Corps**                **FL v FWS**
- ▶ **GA v Corps (GA I)**            **Columbus v Corps**
  
- ▶                      **Apalachicola v FWS**



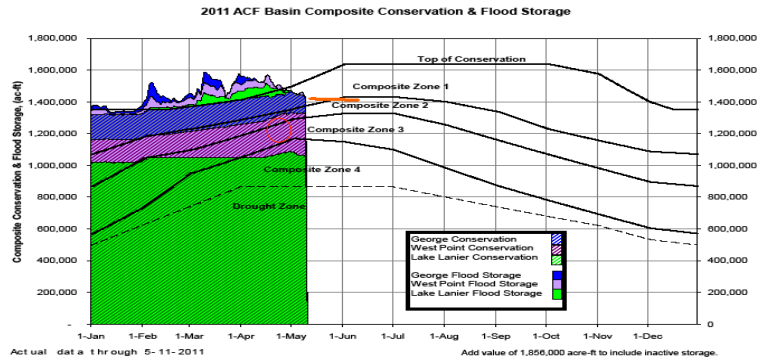
# May, 2009



# May, 2010



# May, 2011



## Water Wars Highlights

### ▶ **PHASE 1: “Authorized Purposes”**

- ▶ District Court Hearing: 5/11/09; Decision 7/17/09
- ▶ Ruling: Draconian, mid-1970’s water supply levels
- ▶ Deadline: 7/17/12
- ▶ LLA success: Protected Recreation from being ruled not an “authorized purpose” as was Water Supply

### ▶ **APPEAL: 11<sup>th</sup> US Circuit Court of Appeals**

- ▶ Appeal filed: 9/14/09
- ▶ Hearing: 3/9/11
- ▶ Decision expected: \_\_\_?\_\_\_



# What will the 11<sup>th</sup> Circuit Rule?

## What we hope for:

- ▶ Reverse District Court Order
- ▶ Water Supply is an “authorized purpose”
- ▶ Remand to Corps:
  - ▶ how much water supply authorized by the original 1946 legislation
  - ▶ how much additional authorized by the 1958 Water Supply Act





# Phase 2: Environmental Claims

## ▶ RIOP

### ▶ Violated National Environmental Policy Act (NEPA)

- ▶ No Environmental Impact Statement (EIS)

## ▶ BiOp

### ▶ Violated Endangered Species Act (ESA)

#### ▶ LLA:

- ▶ Any “take” of protected species is the result of drought, not Corps activity
- ▶ BiOp not done properly, but error harmless



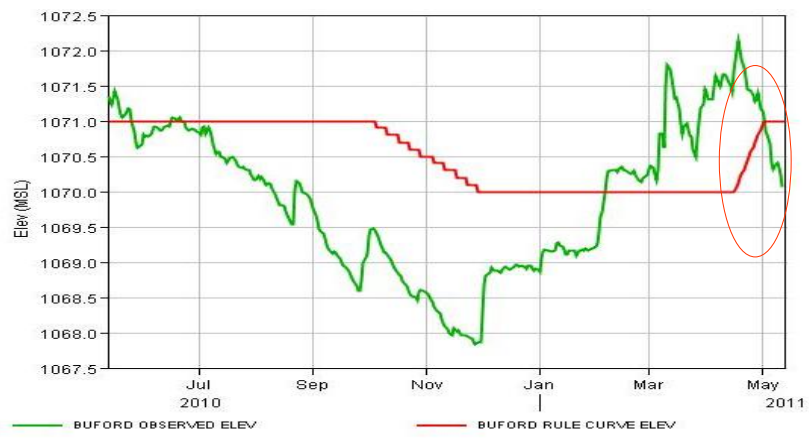
## Water Wars Highlights, cont'd

### PHASE 2:

- ▶ District Court Hearing: 6/8/10; Decision 7/21/10
  - ▶ NEPA claims: “prudentially moot”
    - ▶ New Water Control Plan in process
  - ▶ ESA claims: Florida “failed to establish that the (BiOp) is arbitrary and capricious”
  - ▶ LLA Benefit: Recreation protected
    - ▶ Florida wanted higher minimum flows, higher spring flows, no management for recreation, all flow decisions based on protected species



# Lake Lanier Levels

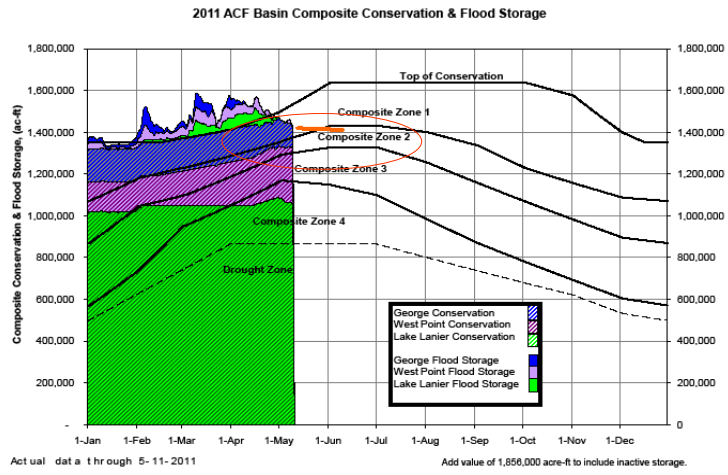


# RIOP

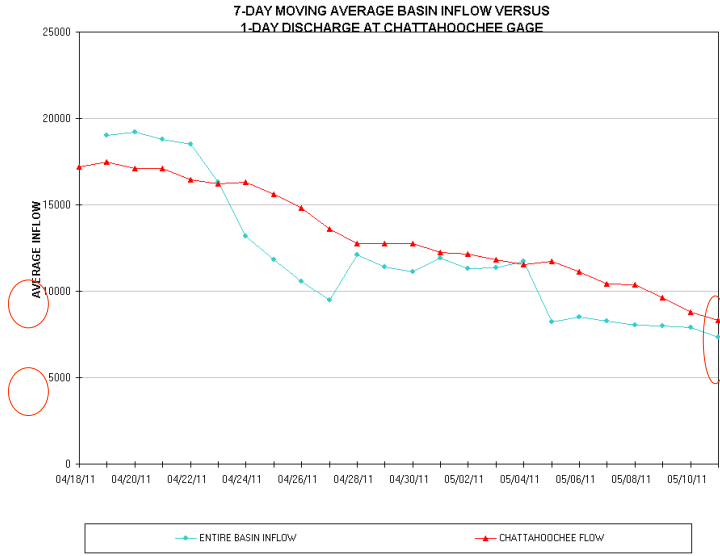
Months	Composite Storage Zone	Basin Inflow (BI) (cfs)	Releases from JWLD (cfs)
March - May	Zones 1 and 2	$\geq 34,000$	= 25,000
		$\geq 16,000$ and $< 34,000$	= $16,000 + 50\% BI > 16,000$
		$\geq 5,000$ and $< 16,000$	= BI
		$< 5,000$	= 5,000
	Zone 3	$\geq 39,000$	= 25,000
		$\geq 11,000$ and $< 39,000$	= $11,000 + 50\% BI > 11,000$
		$\geq 5,000$ and $< 11,000$	= BI
		$< 5,000$	= 5,000
June - November	Zones 1,2, and 3	$\geq 24,000$	= 16,000
		$\geq 8,000$ and $< 24,000$	= $8,000 + 50\% BI > 8,000$
		$\geq 5,000$ and $< 8,000$	= BI
		$< 5,000$	= 5,000
December - February	Zones 1,2, and 3	$\geq 5,000$	= 5,000 (Store all BI $> 5,000$ )
		$< 5,000$	= 5,000
At all times	Zone 4	NA	= 5,000 (Store all BI $> 5,000$ )
At all times	Corps Exceptional Drought Trigger Zone	NA	= 4,500 (Store all BI $> 4,500$ )*

\* Once composite storage falls below the top of the Corps Exceptional Drought Trigger Zone ramp down to 4,500 cfs at a rate of 0.25 ft/day drop.





# Basin Inflow

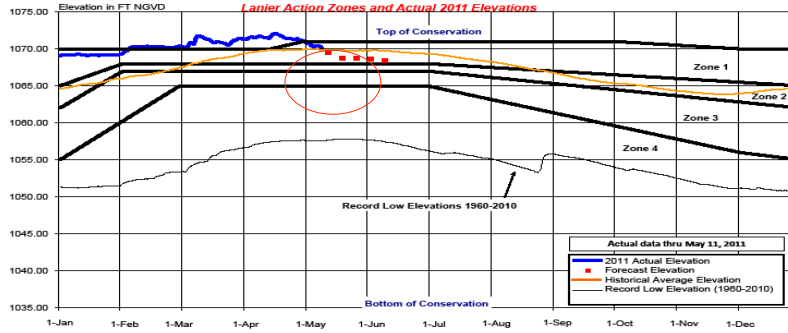


## Lake Lanier Discharges

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
<b>SUM</b>	40434	38481	33283	34918	36573	100591	92632	41102
<b>AVG</b>	1304	1283	1074	1126	1306	3245	3088	3737
<b>MAX</b>	1764	2296	1770	2224	2621	7094	6281	6850
<b>MIN</b>	662	667	664	663	658	653	652	658



# Lanier Level Forecast





## LLA Recommendations to Corps May 1, 2008

- ▶ Include specialized provisions to maximize water storage in Lanier.
- ▶ Minimize outflows and maximize water storage replenishment when Lake Lanier's water level falls below Zone 1.



## Tim Rainey - Biography

Tim Rainey has served 23 years with the Federal Government, 19 of those with the Corps of Engineers. After a few years with the U.S. Fish and Wildlife Service and the National Park Service, he began his career with the Corps of Engineers as a Park Ranger at Lake Lanier. Tim has worked at Lake Seminole, the Mobile District Office, Headquarters, Washington, D.C., John H. Kerr Reservoir, and Allatoona Lake. He was thrilled to receive the assignment to Lanier as the Operations Project Manager in 2008 and plans on staying here until retirement. Tim lives in Marietta with his wife, Marina, and two sons; Timothy (6) and Steven (4).



## Senator Jack Murphy - Biography

In his first term in the state Senate, Senator Jack Murphy is committed to serving the constituents of Senate District 27, covering parts of Cherokee and Forsyth counties. He presently serves as a member of the Banking and Financial Institutions, Economic Development, Ethics, Insurance and Labor, Retirement and Regulated Industries and Utilities committees. Sen. Murphy also serves on the powerful Appropriations committee.

Prior to his election to the General Assembly, where he served two terms in the House of Representatives, Sen. Murphy served in the United States Air Force for four years, during which time he also attended the University of Delaware for two years. Upon completion of his Air Force service, he returned to Georgia and began working for Orkin, where he was the vice president of the Central Region. As vice president, he was responsible for seven districts and 44 branches and also generated \$37 million in revenue. Prior to his VP appointment, he served as district manager, achieving over a 400 percent increase in profits.

He later founded the Radar Exterminating Company in Atlanta, where he was president and CEO. Under his direction, the company grew from one office to 12 and increased revenue from \$100,000 to \$7.5 million. The Radar Exterminating Company also was presented with the Forsyth County Small Business Award in 1995. Presently, outside of the Georgia Legislature, Sen. Murphy is the president and CEO of a private investment firm consisting of rental properties.

Aside from his professional and legislative involvement, Sen. Murphy also has been quite active in his community. In 2001, he was the chairman of the Cumming-Forsyth County Chamber of Commerce and the president of the South Forsyth Rotary. During the following year, he extended his services to the Georgia Chamber of Commerce Board of Directors, Integrity Bank Board of Directors, the Advisory Board for Wachovia Bank, the Atlanta Chamber of Commerce Board of Directors and the Regional Business Coalition Policy Board. Sen. Murphy also is a graduate of Leadership Forsyth.

Sen. Murphy attends the Episcopal Church of the Holy Spirit in Cumming where he has served on the vestry and is currently a member of the church's Financial Committee. He and his late wife Wendy have six children and eleven grandchildren. In his free time, Sen. Murphy enjoys boating, playing golf and traveling.

