



# Lake Watch

NEWSLETTER OF THE LAKES EDUCATION / ACTION DRIVE

Vol. XIX, No. 2

Spring 2006

## Lakeland Changes Lakes Manager

After 19 years, the Lakeland Lakes & Stormwater Division says goodbye to Gene Medley, the city's first lakes supervisor. Gene started with the City in 1987 and has been credited for improving the lakes around the city. Gene leaves the City to join BCI Engineering and Scientists, Inc., in their Jupiter office as their Water Resources Project Manager. So long and good luck Gene!



Gene Medley

Joining the Lakes & Stormwater Division as the new



Doug Gleckler

Manager is Doug Gleckler. He's no stranger to the City of Lakeland. Doug comes from the City's Water Utilities Artificial Wetlands Operations. He has been with the city since 1995 and brings experience with his background in aquatic plant management and aquatic system restoration. Doug also has experience with LE/AD becoming a board member in 1993 and elected president of LE/AD from 1995-1996. Welcome Doug!

### A message from Doug Gleckler, Lakes and Stormwater Manager:

Lakeland's water bodies serve as a focal point around which the citizens conduct their lives and our dependence upon them often goes unnoticed. The job brings with it the challenge of serving the diverse expectations placed on the lakes and associated watersheds. Communication of what lies below the surface of the water is one of many opportunities available to engage everyone in the process of managing the very resource that gave Lakeland its name.

As past president of LE/AD, I am well aware of the challenges faced by such organizations. Spreading the word let alone fostering action can be a full time endeavor. Everyone leads busy lives and, with free time at a premium, staffing events as well as attracting public participation is difficult. In my current capacity as wetlands manager, my group has participated in diverse outreach events often along side the Lakes & Stormwater folks. I am looking forward to continuing these efforts as information sharing benefits not only the "target" audience but also provides ancillary benefits to

*Continued to page 6*

### From the Director:

Johnna Martinez

## Protecting Polk County Lakes

Recently a letter was written to the editor in a local newspaper stating that Polk should live up to the proclamation of protecting our lakes. Polk County is home to over 500 lakes! This poses quite a challenge to our lake managers around the county. But protecting our lakes is not only the responsibility of the lake managers. We all need to take responsibility.

To talk about lakes, we also need to discuss and understand watersheds. If you've been to any of the environmental events around the county, you might have been asked if you live in a watershed. Many environmental groups are working hard on watershed education. The answer is YES, we all live in a watershed. Not necessarily in the same watershed, but we all live in a watershed. A watershed is defined as an area of land that water flows across as it moves toward a common body of water, such as a stream, river, lake or coastal area. We all need to do our part in our watershed.

### Watershed Basics

#### You're sitting in a watershed now!

Homes, farms, ranches, forests, small towns, big cities and more can make up watersheds. Some cross-county, state and even international borders. Watersheds come in all shapes and sizes. Some are millions of square miles; others are just a

*Continued to page 4*

### On The Inside:

- Know Your Lakes
- PREEN
- Environmental Education in Schools

# Know Your Lakes

Welcome to a series of articles highlighting one lake per newsletter. We hope to educate our readers about some of our most well-known or unique lakes so that other lakes are better understood.

## Lake Morton

Lake Morton is located in Lakeland. Lake Morton, with a surface area of 40 acres, is located in the Peace River-Saddle Creek River Watershed (Latitude 28° 02' 17" Longitude -81° 57' 10" Section-Township-Range 19-28-24). A watershed (also called a drainage basin) is an area on the land surface from which water flows or has the potential to flow into a stream or lake. Watersheds are naturally separated from adjacent basins by topographic divides.

## Water Clarity

The current water clarity reading on Lake Morton (secchi) is 1.6 feet (Source: City of Lakeland Lakes & Stormwater Division). The phrase "water clarity" refers to the transparency or clearness of water. A secchi disk measures how clear lake waters are. A secchi disk is a flat disk with alternating black and white quadrants. It is lowered into the water and the depth at which it disappears to the naked eye is noted as a measure of the transparency of the lake water. Transparency can be affected by the color of the water, algae, or suspended sediments. Historic secchi averages ranged to 1.6 feet.

## Water Levels

Water levels typically follow rainfall patterns during periods of wet weather and drought. Currently, Lake Morton water elevation is 177.7 feet MSL (Source: City of Lakeland Lakes & Stormwater Division).

## Trophic State Index

"Trophic" means "relating to nutrition."

### Lake Watch Lakes Education Action Drive

*Lake Watch* is published quarterly by Lakes Education Action Drive, Inc. Subscription is available to members. Applications for membership are available in each issue of *Lake Watch* and on our web site: [www.le-ad.org](http://www.le-ad.org).

Editorial information, correspondence and address changes should be addressed to the Editor, *Lake Watch*, PO Box 7607, Lakeland, FL 33807. (863) 221-5323.

President ..... Walter Reigner  
Executive Director ..... Johnna Martinez



Lake Morton

The Trophic State Index (TSI) takes into account chlorophyll, nitrogen, and phosphorus, which are nutrients required by plant life. Lake Morton has a TSI value of 77.7 (measured on 12/13/05 by City of Lakeland Lakes & Stormwater Division), which is considered **Poor**. Waterbodies with TSI values ranging from 60 to 69 are rated as "fair and partially support use." The historic average TSI value on Lake Morton is 74.3 which waterbodies with TSI values from 70-100 are rated as "poor and do not support use".

Although present in all surface waters, nutrients are among the leading causes of degradation of Florida waterbodies. The latest nutrient values on Lake Morton are:

Total Nitrogen (TN) is 1938 ug/L (measured on 12/13/05 by City of Lakeland Lakes & Stormwater Division).

Total Phosphorus (TP) 143 ug/L (measured on 12/13/05 by City of Lakeland Lakes & Stormwater Division).

Chlorophyll 105 ug/L (measured on 12/13/05 by City of Lakeland Lakes & Stormwater Division)

The Polk County Water Atlas states that this waterbody is **not impaired** according to the Impaired Waters Rule (IWR) Chapter 62-303 F.A.C., which means that this lake is not listed on the FDEP's impaired list. Impairment is a

status given to waters that are not supporting their designated uses.

## Additional Hydrology and Geology Information

### Lake region:

### LAKELAND/BONE VALLEY UPLAND

The Lakeland/Bone Valley Upland region includes the sand hills of the Lakeland Ridge, and the more poorly drained flatwoods areas of parts of the Bone Valley Uplands and Bartow Embayment. All of these areas are covered by phosphatic sand and clayey sand from the Miocene-Pliocene Bone Valley Member of the Peace River Formation. The region generally encompasses the area of most intensive phosphate mining, but phosphate deposits and mining activities are also found south of this region. As one would expect, the dominant characteristic of all lakes in this region is high phosphorous, nitrogen, and chlorophyll a values. The lakes can be characterized as alkaline, with some receiving limestone-influenced groundwater.

## Recreation

There are no boat ramps on Lake Morton.

For more information on Lake Morton you can visit the Polk County Lake Atlas website at: <http://polk.wateratlas.usf.edu/>

Reference: Polk County Lake Atlas website

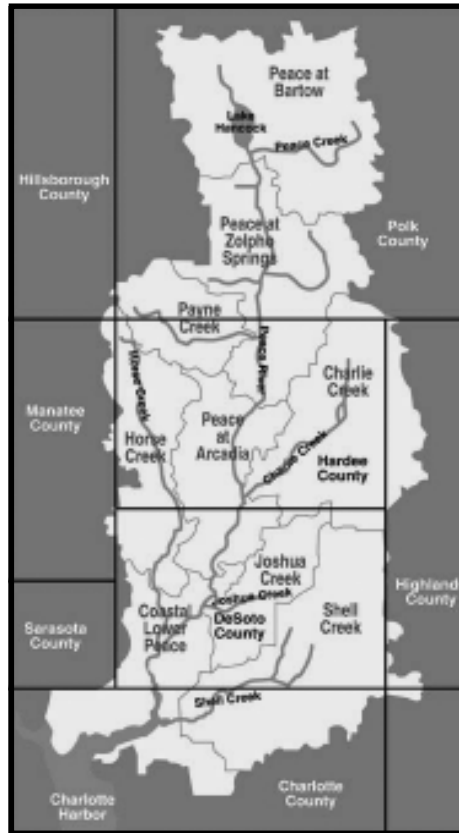
# Peace River Environmental Education Network

Have you been wondering who or what PREEN is and what they do? The Peace River Environmental Education Network (PREEN) is a partnership of businesses, government agencies, educators, citizens and nonprofit organizations who have joined together as an information sharing network to forge cooperation and foster relationships regarding the environmental integrity of the Peace River watershed. Educational organizations in the upper Peace River watershed are dedicated to informing the public about water quality in the Peace River, watershed management, and wildlife associated with the river.

PREEN's mission is to create and sustain collaborative educational processes that will contribute to awareness of and concern about the environmental integrity of the Peace River Watershed. The goal is to develop knowledge, skills, attitudes, motivation, and commitment so that individuals and groups will work collectively toward solutions to current environmental problems and for the prevention of new ones. PREEN is a network of people who care about the river, and enhance the quality of the river through educational aspects.

### How PREEN started

In 1999, the Charlotte Harbor Education Center (CHEC) received a grant from Charlotte Harbor National Estuary Program (CHNEP) to complete a study of eight municipalities within three counties in the Upper Peace River Valley. Information was gathered and reviewed and



*Peace River Watershed*

recommendations for public environmental education outreach strategies were developed and published, including potential partnerships and funding sources. In 2000, the Southwest Florida Water Management District (SWFWMD) provided initial funding for CHEC to develop a network of partners and CHNEP continued this financial support. These three organizations have been foundational in

the development of PREEN and continue to be valuable partners for a variety of environmental education efforts.

### About the Network

PREEN helps maintain a key networking strategy that will enable a flow of information between PREEN partners as well as other interested persons. The organization helps to keep the public informed of a variety of issues, events, programs, and environmental education sites in the Peace River Watershed. PREEN solicits participation from citizens; environmental educators; state, county, and local agency representatives as well as industry representatives as well as maintain a voice for the environment including the link between economic sustainability and environmental integrity.

Currently, the Lakes Education/Action Drive (LE/AD) coordinates PREEN efforts throughout Polk County through a grant from the Charlotte Harbor National Estuary Program (CHNEP). If you are interested in joining this network or would like to receive information on events and meetings within the Peace River Watershed, please call Johnna Martinez at 863-221-5323 or email [Lakeseducation@cs.com](mailto:Lakeseducation@cs.com).

### Upcoming PREEN events:

"Keeping the Peace" a Peace River Watershed Management Conference is scheduled for October 5, 2006 at the Bob Crawford Building in Bartow. For more information on this conference, please call Johnna Martinez at 863-221-5323 or email [lakeseducation@cs.com](mailto:lakeseducation@cs.com).

## Students get involved in Environmental Education

Environmental education in the classroom is soaring these days.

**Lakeland Christian School** in Lakeland celebrated their annual Creation Care Week in March. Students spend the week learning about water resources and wildlife. Creation Care activities throughout the week included the kindergarteners visiting the campus' Faith's Forest, the first graders studied trees, the second graders learned to get batty about bats, the third graders went splish-splash in the water unit, the fourth graders had their eyes to the sky learning about birds, the fifth graders squirmed about insects and

the sixth graders studied Florida's water resources with a visit from City of Lakeland's Adopt-A-Lake Program and the Lakes Education/Action Drive.

### Thumbs up for St. Paul Lutheran School in Lakeland, Florida

Thanks to a grant from the Peace River Basin Board of the Southwest Florida Water Management District, VIVA! Gardens for Schools Grant and the St. Paul PTO, **St. Paul Lutheran School** in Lakeland celebrated Creation Enrichment in March. The primary goal of this project was to develop an awareness of the important role the community has in



*Shani Kruljac demonstrates the Enviroscope during Creation Care Week at LCS.*

protecting and preserving our valuable resources. This project involved the whole school (preschool students all the way

*Continued to page 4*



7th graders at St. Paul Luthern School plant native plants around the campus ponds.



8th graders learn about water quality in their campus ponds.

to 8<sup>th</sup> graders). Preschoolers got the opportunity to use their senses in the school's sensory garden to experience native plants, kindergarten students learned about the various forms of recycling, first graders identified insects, second graders learned about the hydrologic cycle, third graders to use a thermometer, wind sock, barometer and rain gauge, fourth graders identified different types of Florida turtles, fifth graders identified common water birds, sixth graders identified trees on campus, seventh graders determined the water quality in the onsite ponds, and eight graders learned about the biotic factors associated with the ponds.

### **Water Matters! Explorations V Children's Museum receives Environmental Grants to Create Interactive Displays**

Opening in a small storefront in July 1991, Explorations V Children's Museum now offers many lively, kid-powered exhibits sparking imagination, exploration, creativity and discovery.

Now located in the historic Kress Building in the heart of downtown Lakeland, the children's museum is open Monday through Saturday 9am-5:30pm and served more than 93,000 children and families during the 2004-2005 fiscal year. This was accomplished through mind-stretching exhibits, hands-on workshops, interactive outreach activities and dynamic family-friendly events during the last fiscal year.

Water Matters!, sponsored by the Peace River Basin Board of the Southwest Florida Water Management District and Mosaic, is Explorations V's first water exhibit and focuses on water conservation education through hands-on play. Water Matters! highlights the valu-

able resource of water by demonstrating the origin of our area water supply.

Visitors can start the rainfall with a touch of a button and have the ability to view the varying effects of different levels of rainfall on Florida wildlife and habitat. Colorful graphics, actual flowing water, simulated rainfall and opportunities to affect change in the habitat make this an educational and enjoyable exhibit.

Four interchangeable water panels, sponsored by the Charlotte Harbor National Estuary Program, are a complementary component to Water Matters! By manipulating these colorful, interactive panels, museum visitors can further explore the importance of water conservation.

Water Matters! adds a new and exciting liquid component to the "please touch" philosophy of Explorations V Children's Museum and is a hit with visitors of all ages as they experience a fun-filled adventure in learning at Explorations

V! For more information about this project or Explorations V please call (863) 687-3869.

If your school has received an environmental grant let LE/AD know and we will include it in our next issue. If you are interested in applying for or learning more about grants available to schools you can check out the following websites or search for environmental grants on any search engine:

[www.watermatter.org](http://www.watermatter.org)

[www.charlotteharbornep.org](http://www.charlotteharbornep.org)

[http://films.net/shoreline\\_award.html](http://films.net/shoreline_award.html)



Students using the new Water Matters! display at Explorations V.

Protecting Polk County lakes ... continued from page 1

few acres. Just as creeks drain into rivers, watersheds are nearly always part of a larger watershed. No matter where you are, you're in a watershed!

### **How do I know what watershed I am in?**

Start by using EPA's Watershed Information Network (WIN) to find your watershed address and learn about its environmental health. To find out which watershed you live in, go to the EPA website and search with your zip code!

<http://cfpub.epa.gov/surf/locate/index.cfm>

Houses, open fields, office buildings and forests are all part of a watershed. While every inch of land belongs to a complex, physical network of watersheds, the natural high areas of land describe a

watershed's boundary. High and low points of the land determine how rainwater that falls onto tree leaves and rooftops eventually finds its way into our surface waters. So the rainwater that flows from your street, your neighborhood, and your community toward the closest lake defines your watershed. In most cases in Polk County, water from your lake then flows through a series of streams to other lakes (part of a larger watershed). So, to use Lakeland as an example, most of the lakes in Lakeland have structures that allow water to flow out of the lake through ditches and streams to other lakes. Eventually, this water flows south toward Lake Hancock and then into the Peace River down to Charlotte Harbor and eventually into the Gulf

# LE/AD Volunteer is an Eagle Scout and is always prepared

by *Johnna Martinez*

Say "Eagle Scout" and the mind's eye instantly sees a youth who exemplifies being trustworthy, loyal, helpful, friendly, and all those other good things in the Scout Law. This is exactly what Michael Walsh, a 17 year old senior at George Jenkins High School, is all about. On April 10, 2006, I had the pleasure of attending Michael's Eagle Scout Award Ceremony.

An Eagle Scout is an outdoorsman, he can camp, swim, hike, use wood tools, build a fire, find his way with a compass and map. He can identify local animals and plants, understand causes of water, land, and air pollution. He knows how to treat fractures, burns, frostbite, abdominal pain, and muscle cramps. He knows what to do in the case of a fire, explosion, motor vehicle accident, mountain accident, food poisoning, gas leak, earthquake, flood, tornado, hurricane, and avalanche. An Eagle Scout is a good citizen, he knows his Senators, and Representatives and knows how the city gov-

ernment is organized. He has read the Declaration of Independence and the U.S. Constitution. He can manage his money and understands the risks and benefits of putting his money in savings bonds, mutual funds, common stocks and real estate.

Since the age of 10, Michael has worked hard climbing the ranks of a scout from Tenderfoot, to Second Class, on to First Class, Star, Life and finally Eagle. Along the way Michael has earned 12 required merit badges and 19 elective merit badges, served as troop leadership positions for 16 months and developed service projects within the community. Ten years later he has the honor to be called an Eagle Scout. An Eagle Scout lives with honor and is a leader. An Eagle Scout is loyal, courageous, serves others and has vision. An Eagle Scout is well qualified to help others as well as take care of themselves. Their badges are not decorations, but rather a symbol of their knowledge and ability.

Michael has volunteered much of his time to LE/AD for various projects these



*Michael Walsh with his parents, Bob, and Lori and sister Stephanie*

past few years. You might have seen him at LE/AD's Lakeshore Festival last October, or at the Cardboard Boat Challenge in Lakeland, or at the Living at the Lake classes in Lakeland this past year. He has been a tremendous asset to LE/AD and we wish him well as he ventures out into the world next year. Michael plans to attend the University of Central Florida to study Pharmacy. Michael's plans as an Eagle Scout are to, "Do a good turn daily and stay involved in my community and help the Scouting program however I can." Good luck Michael, you truly are prepared for life!

*Protecting Polk County lakes ... continued from page 4*

of Mexico. (Lakes on the western part of Lakeland flow to either the Hillsborough River or the Alafia River). So the watersheds that lead to a river watershed eventually lead into a larger body of water like the Gulf of Mexico or an ocean.

## **What can I do to protect me watershed?**

Because we all belong to a watershed, our actions affect the health of our watershed. Common activities like walking the dog, taking care of the lawn and driving a car leave behind pollutants. As rainwater moves through the watershed, it picks up bacteria and chemicals, and carries them to our streams, rivers, and lakes. Improper disposal of motor oil, pet waste and over fertilization of a lawn all contribute to this pollution. Because of its many random sources, we all share responsibility for this pollution — called non-point source pollution.

A watershed's most common non-point source pollutants are bacteria and nutrients. Leaks from septic systems and pet waste are common sources of bacteria. When rainwater washes the bacteria to nearby streams and lakes, it makes those water bodies unsafe for swimming

and fishing. Nutrients most commonly come from yard fertilizer (which contain nitrates and phosphates), but they're also present in pet waste and septic system wastewater. Rainwater washes excess nutrients from lawns into waterbodies, where they cause algae blooms that lower the amount of oxygen in lakes and streams to levels harmful or fatal to aquatic plants and animals. You might be thinking, what affect can one person's actions have on our water system? Well, look around you. Chances are if you are doing something negative to the environment, so are others. Suddenly it's not just one person; it's a whole community. Still think there isn't much of an affect to our waters? Think again.

## **Protecting your watershed protects your lake!**

- Use fertilizers and pesticides sparingly: extra nutrients in the water supply disrupt the natural harmony between animals and plants of an ecosystem.
- Have septic systems inspected for leaks and capacity: contamination of the water supply is harmful to plants, animals and people.
- Conserve water: over watering can dam-

age lawns and plants and places extra stress on our water supply.

- Never dump anything down a storm drain: storm drains are channels for rainwater to help reduce flooding. Dumped chemicals can find their way deep underground, polluting the aquifer and other water supplies we all rely on. Never dump leaves or grass clippings down the drain or blow them into the street. This will not only clog the drain, but also increase the nutrient concentration in our lakes.
- Pick up after your pets: bacteria from pet waste can be carried into nearby water bodies and are harmful to fish.

We all have a responsibility to live up to the County's proclamation to "Protect our Lakes". With some thought and effort, we can protect our lakes and watersheds.

## **References:**

Southwest Florida Water Management District (SWFWMD) website: [www.watermatters.org](http://www.watermatters.org)  
United States Environmental Protection Agency (EPA) website: <http://www.epa.gov/OWOW/watershed/index.html>

## Upcoming Events

**Saturday May 6 from 8:00 am-5:00 pm. Florida Yard Fandango** The Florida Yard Fandango is an all day event sponsored by Wild Rose Lawncare, Inc. and partially funded through a grant from the Southwest Florida Water Management District. Workshops will be offered on such topics as: landscape design, pruning, herb gardening, organic gardening, irrigation for homeowners, water gardens, integrated pest management and much more. To register for this workshop go to <http://www.wildroselawncare.com> or call (813) 909-2325. The workshop will be held at MOSI, 4801 E. Fowler Ave. in Tampa.

**Tuesday May 9 at 6:30 pm. Chapter meeting of the Heartland Chapter of the Florida Native Plant Society** Climbing Ferns and other "evil" weeds will be discussed by Cheryl Millett of The Nature Conservancy. Beware of certain plants that first appear to be a vine with beautifully sculptured leaves, but soon cover and choke out all the surrounding plants and trees. Cheryl will show photos of the climbing ferns and discuss strategies to prevent this vine from taking over your backyard or your favorite natural area. In addition, Cheryl will touch on other troublesome invasive exotic plants. Door prizes. Light appetizers. The meeting will be at the United Way of Central Florida is located at 5605 US Hwy 98 South, Highland City, between Bartow and Lakeland. For more information email [kpesch@earthlink.net](mailto:kpesch@earthlink.net).

**May 13, 2006: Keep Winter Haven Clean & Beautiful** is hosting a Garden Party. This is their annual fundraiser. The event will be from 11:00 a.m. to 3:00 p.m. Cost is \$20.00 per person and is located at the Garden Center. There will be fashions by Helen's, a Hat parade and door prizes. For more information or to register for this event, please call Pat Gilder of Keep Winter Haven Clean and Beautiful at 863-291-5662 or email [KWHCBA@aol.com](mailto:KWHCBA@aol.com)

**Saturday May 13 and 14 10:00 am-5:00 pm. Mayfaire** Begun in 1974 as a craft fair on the lawn of the Lakeland Public Library, Volvo Mayfaire by-the-Lake has grown into one of Florida's premier outdoor art festivals. Held on Mother's Day weekend each year, Mayfaire is located on the shores of beautiful Lake Mirror this year in downtown Lakeland, Florida. Admission is free.

**Monday May 15 from 6:30 pm-8:00 pm. Rain Barrel workshop** In this workshop you will learn the basics of water conservation, stormwater runoff and other things you can do to conserve water and preserve water quality in your landscape. This is a hands-on workshop where you will create and take home a rain barrel. The fee for this workshop is \$15 (includes 55 gallon rain barrel and spigot). You **MUST** pre-register if you would like a rain barrel. This workshop will be held at the Magnolia building (702 East Orange Street) in Lakeland. Please call Anne at 519-8677 ext. 121 to register.

**May 17, 2006: "CLEAN IT UP WINTER HAVEN"** City Employee and Volunteers cleanup the roadways from 8:00 a.m. to 11:00 a.m. A lunch will be provided for the Employee and Volunteers. T- Shirts and door prizes will be given out. For more information or to register for this event, please call Pat Gilder of Keep Winter Haven Clean and Beautiful at 863-291-5662 or email [KWHCBA@aol.com](mailto:KWHCBA@aol.com)

**Tuesday May 23 from 10:00 am-11:30 am. Landscaping with Native Plants workshop** This workshop teaches you how to have a low maintenance and beautiful landscape by planting native plants. This class is free of charge. The class will be held at the Winter Haven Public Library (325 Avenue A NW) in Winter Haven. Please call Anne at 519-8677 ext. 121 to register.

**Saturday June 3, 2006: Hiking- Avon Park Air Force Range.** Meet at Street Audubon Center to carpool. Perhaps identify 75 wildflower species, including at least 5 orchid species, plus possibly some very good birds. Minimum hiking. Bring your own lunch, drinks, and snacks. Call Paul Fellers for more information and to RSVP. 863-293-0486

**Monday June 12 from 6:30 pm-8:00 pm. Landscaping with Native Plants workshop** This workshop teaches you how to have a low maintenance and beautiful landscape by planting native plants. This class is free of charge. The class will be held at the Magnolia building (702 East Orange Street) in Lakeland. Please call Anne at 519-8677 ext. 121 to register.

**Saturday June 24 from 10:00 am-12:30 pm. Landscape Design 101** Learn to analyze site conditions, identify activity areas and develop a landscape plan. This workshop is \$10 to cover materials. You **MUST** pre-register for this workshop. Workshop will be held at the Kelly Recreation Complex (404 Imperial Blvd.) in Lakeland. Please call Anne at 519-8677 ext. 121 to register.

**Tuesday July 11 at 6:30 pm. Chapter meeting of the Heartland Chapter of the Florida Native Plant Society** Backyard wildlife will be the topic of discussion with Tabitha Biehl from Polk County Natural Resources Division, discussing the types of plants that can be planted to attract an array of wildlife to your backyard. Come hear about these plants and how the wildlife is attracted to certain plants. Get tips on making your yard wildlife friendly. Door prizes. Light appetizers. The meeting will be at the United Way of Central Florida is located at 5605 US Hwy 98 South, Highland City, between Bartow and Lakeland. For more information email [kpesch@earthlink.net](mailto:kpesch@earthlink.net).

**July 2006: Lakes Appreciation Month Celebration.** Clean up your favorite lake during the month of July and then join LE/AD for a volunteer appreciation dinner on July 22 in Winter Haven. This event is free, but registration is required. For more information, please call Johnna Martinez at 863-221-5323 or email [lakeseducation@cs.com](mailto:lakeseducation@cs.com).

**Saturday July 22 from 9:00 am-10:30 am. Rain Barrel workshop** In this workshop you will learn the basics of water conservation, stormwater runoff and other things you can do to conserve water and preserve water quality in your landscape. This is a hands-on workshop where you will create and take home a rain barrel. The fee for this workshop is \$15 (includes 55 gallon rain barrel and spigot). You **MUST** pre-register if you would like a rain barrel. This workshop will be held at the Kelly Recreation Complex (404 Imperial Blvd.) in Lakeland. Please call Anne at 519-8677 ext. 121

## LE/AD T-Shirts are here!

Show your support for LE/AD by purchasing a t-shirt with the logo shown below for only \$10. Proceeds go toward future LE/AD events and projects. Call 221-5323 find out how to get a shirt.



*Lakeland Changes ... continued from page 1*

fellow groups.

My tenure with Water Utilities allowed me to gain significant experience in managing infrastructure as well as an opportunity to develop a large cooperative network of high quality professionals throughout the City and beyond. I am looking forward to continuing these relationships and adding to them. The energy and commitment displayed by Mr. Lilyquist (Public Works Director) and his Public Works group during my interview process will be a pleasure to become a part of.

I have taken up running over the past year and pounding the path around Lake Hollingsworth has taken on a new flavor of late. Even with my eye for aquatic resources, I missed much of what goes on behind the scenes as I was concerned with breathing, that next step, and getting out of the way of faster runners. I look at the lake and see all the changes that were made under Gene Medley's watch. He has set the bar from which I will embark to serve and help the City realize its Vision.

# LEAD Membership

Now is the time to fill out a membership application and mail it to LE/AD with your check. Your support is very important to us, so please, join LE/AD and mail your membership today.

## Membership Application

**Lakes Education Action Drive  
PO Box 7607  
Lakeland, FL 33807-7607  
Phone (863) 221-5323**

Please use a pen to print the following information:

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

PO Box: \_\_\_\_\_

City: \_\_\_\_\_

State/Zip Code: \_\_\_\_\_

Organization Represented: \_\_\_\_\_

Your Position: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

### Annual Membership Categories

- |   |   |
|---|---|
| <input type="checkbox"/> Individual Membership - \$10.00                | <input type="checkbox"/> Corporate Membership - \$25.00                                   |
| <input type="checkbox"/> Supporting Membership - \$25.00                | <input type="checkbox"/> Supporting Corporate Membership - \$50.00                        |
| <input type="checkbox"/> Contributing Member -<br>\$50 or more \$ _____ | <input type="checkbox"/> Contributing Corporate Membership -<br>\$100.00 or more \$ _____ |

Please make your check payable to LE/AD and mail along with this application to the above address.

Total Amount Enclosed: \$ \_\_\_\_\_

***Lakes Education/Action Drive is a non-profit, tax deductible corporation.***



*Lakes Education Action Drive, Inc.*  
*LE / AD*  
P.O. Box 7607  
Lakeland, FL 33807

Non-Profit Org.  
U.S. Postage  
**PAID**  
Permit #1  
Lakeland, FL

*We need our lakes, and they need you.*

## ***LE/AD Thanks You!***

A Special Thanks to our 2006 Corporate Sponsors

- CITY OF LAKELAND
  - POLK COUNTY
- CITY OF WINTER HAVEN
- PUBLIX SUPERMARKET CHARITIES
  - SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
- BCI ENGINEERS & SCIENTIST, INC
  - DR. ROBERT M. JACKSON (ANIMAL MEDICAL CLINIC)
  - CHASTAIN SKILLMAN INC
- ENVISORS ENGINEERS, PLANNERS & SURVEYORS
  - KENDRICK LAND SURVEYING
- WHEELER & WHEELER APPRAISERS
- THOMAS E. JENNINGS & COMPANY, CPA
- MADRID ENGINEERING GROUP, INC.
  - WINTERHAVEN FEDERATION OF LAKE ASSOCIATIONS, INC.
- MCKEEL ELEMENTARY ACADEMY
- CEREXAGRI, INC.
  - LAW OFFICE OF JOHN L. MARTINEZ, JR. P.A.
- SCOTT K. SPIVACK, P.A.
  - AQUARIUS SYSTEMS
  - SAVE OUR LAKES
  - CHALET SUZANNE
- SEMINOLE COUNTY ROADS/ STORMWATER DIVISION
- FLORIDA PHOSPHATE COUNCIL
  - FANTASEA MARINE, INC.
  - KEITH & SCHNARS, P.A.
- AQUA-TERRA SERVICES, INC.
- POST, BUCKLEY, SCHUH & JERNIGAN, INC.
  - AMERICAN COMPLIANCE TECHNOLOGIES, INC.
  - THE NATIVES, INC.
- LAKEFRONT PROPERTIES, LLC
- LAKELAND CHRISTIAN SCHOOL
  - HIGHLANDS SOIL & WATER CONSERVATION DISTRICT