

# the Watershed

## **14<sup>th</sup> Southwest Florida Water Resources Conference** ***Scratching the Surface – Southwest Florida Surface***

**Friday, September 17, 2004**  
**Holiday Inn Riverwalk Hotel • Fort Myers, Florida**

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Technical Program: Although communications are not fully restored in the area, and a few attendees from the Peace River area likely will not be able to attend – neither wind, nor rain, nor Hurricane Charley will halt preparations for the 14<sup>th</sup> SW Florida Water Resources Conference!

Conference information is also available online at [www.caloosahatchee.org](http://www.caloosahatchee.org).

Please come join us as we “Scratch the Southwest Florida Surface” and scope out those (murky?) issues. You won’t want to miss meeting the “Son of CERP”!

**Location & Accommodations:** On the banks of the Caloosahatchee River in historical downtown Ft. Myers lies this three-story Holiday Inn. All 147 rooms provide a tropical ambiance and come equipped with coffeemaker, refrigerator, iron/ironing board, and in-room movies. There is a block of rooms reserved for \$69 per night. Tel: (239) 334-3434 or Fax: (239) 334-3844. Email: [hifmyer@aol.com](mailto:hifmyer@aol.com)



The hotel is within walking distance of the Edison and Ford Winter Estates and Museum. Toucan Charlie's Bar and Grill, serves Breakfast, Lunch and Dinner. A favorite among locals, features great food and spirits along with breathtaking river views and sunsets. Food is also served at Toucan Charlie's outdoor Tiki Bar and Deck.

**DEADLINE FOR HOTEL RESERVATIONS: FRIDAY, SEPTEMBER 10, 2004**

*2004 Meetings: January 30 Jacksonville; March 26 Havana; May 14 Ft. Lauderdale; July 29-31 Key West; September 17 Ft. Myers; November 1-4 National Meeting in Orlando & FL Section Meeting November 2*



# 14<sup>th</sup> Southwest Florida Water Resources Conference Scratching the Surface – SW Florida Surface Water Issues

Friday, September 17, 2004  
Holiday Inn Riverwalk Hotel • Fort Myers, Florida



10:00 a.m. Board of Directors' Meeting  
11:00 a.m. Board of Directors' Lunch  
12:00 p.m. Conference Registration

## **SESSION I**

1:00 p.m. Introduction and Opening Remarks  
1:15 p.m. Surface Water Quality Issues  
1:45 p.m. Case Study in Application of the Harper Methodology (AKA Regulatory Nightmares)  
2:15 p.m. Implementing a Stormwater Utility in an Adverse Region  
2:45 p.m. Public – Private Stormwater Quality Improvement Systems  
3:15 p.m. Break

## **SESSION II – Panel Discussion**

3:30 p.m. Panel Discussion – The Son of CERP & Regional Reservoirs – The C-43

## **SESSION III – Social Session & Dinner**

5:00 p.m. Networking and Happy Hour  
6:00 p.m. Dinner  
7:30 p.m. Dinner Speaker  
8:00 p.m. Night out in Historic Downtown Fort Myers



**14<sup>th</sup> Southwest Florida  
Water Resources Conference**  
September 17, 2004  
Holiday Inn Riverwalk Hotel and Marina  
Fort Myers, Florida

## Registration Form

**Registration Deadline – September 10, 2004**

**Name** \_\_\_\_\_

**Organization** \_\_\_\_\_

**Mailing Address** \_\_\_\_\_

\_\_\_\_\_

**Phone** \_\_\_\_\_

**E-Mail** \_\_\_\_\_

**Guest Name** \_\_\_\_\_

**Please make your dinner menu Choice: [ ] Chicken Picatta or [ ] Florida Grouper**

**Make checks payable to AWRA Florida Section and mail to:**

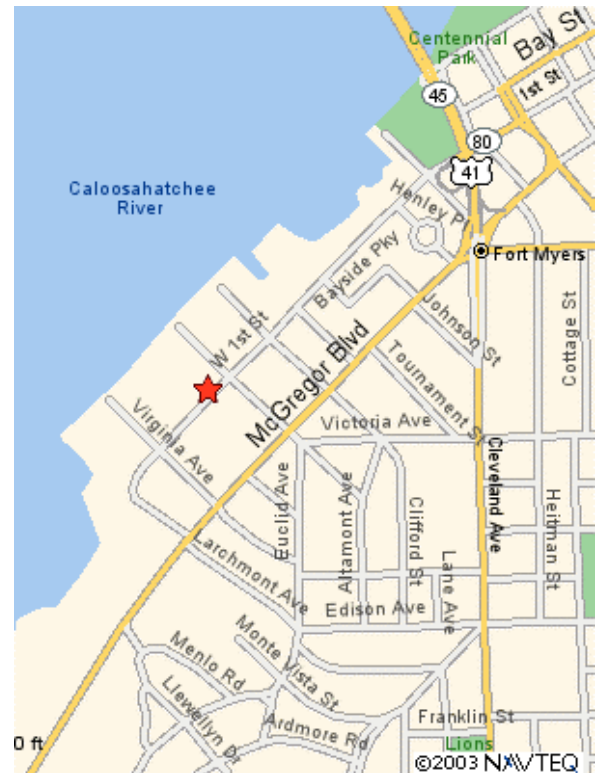
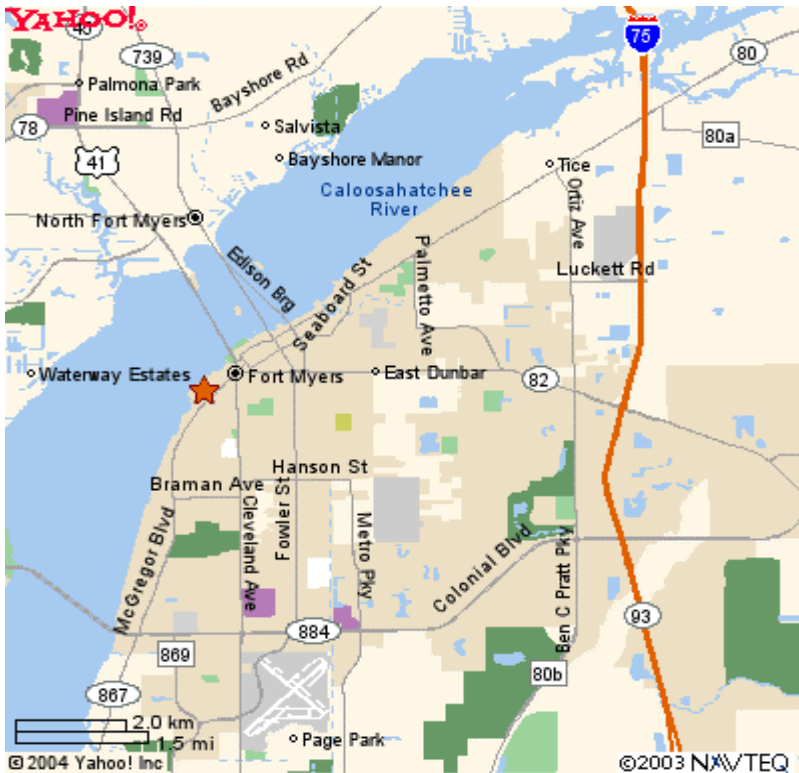
Ron Edenfield	Registration (Conference & Dinner)	_____	X \$50 =	\$ _____
Environmental Consulting & Technology, Inc.	Registration (Conference Only)	_____	X \$35 =	\$ _____
4100 Center Pointe Dr, Ste 112	Dinner Only	_____	X \$25 =	\$ _____
Fort Myers, Florida 33916	Student Registration (Conference Only)	_____	X \$10 =	\$ _____
	Student Sponsorship*	_____	X \$10 =	\$ _____
	<b>TOTAL</b>	_____		\$ _____

\* You may sponsor a student to attend the event by paying their registration fee. We will include your name with a thank you in the program brochure. If you wish to do this, please fill in the requested information at the top of the form.

**PDH Credit for Florida Professional Engineers**

We have been approved by the Florida Board of Professional Engineers (FBPE provider # EX00089) to offer Professional Development Hour (PDH) credit to Florida registered Professional Engineers. You will only receive credit if you attend the entire technical session. Please check the box below and include your PE number if you would like to obtain PDH credit.

[ ] **I plan to be present for all technical sessions and would like PDH credit.**  
My PE number is \_\_\_\_\_.



**From SW Florida International Airport**, turn right on Regional Ln, left on Chamberlin Parkway, bear left on Daniels Parkway, bear right on ramp at sign reading I-75 N. Continue on I-75, SR-93 (heading north) for 6 miles. Exit 138 SR-82 M L King Jr Boulevard to Ft Myers/Immokalee heading Northeast for 0.3 miles. Left on M L King Jr Blvd for 4.5 miles. Bear left on McGregor Blvd (SR-867) for 0.4 miles. Right on Altamont Avenue for 600 feet. Left on West First Street for 170 feet. Approximate driving time is 20-25 minutes.

**Driving Directions:**

I-75 exit 136 (old 22) go west on Colonial Blvd to McGregor Blvd. Turn right at light, go north 2 lights to Altamonte. Turn left, Hotel at West 1st St & Altamonte on the Caloosahatchee River.

**HOLIDAY INN RIVERWALK HOTEL – FT. MYERS**

2220 West First Street · Fort Myers, FL 33901

Tel: (239) 334-3434 · Fax: (239) 334-3844

Email: [hifmyer@aol.com](mailto:hifmyer@aol.com)

Holiday Inn Riverwalk is located on the banks of the magnificent Caloosahatchee River just one half mile from downtown Ft. Myers, historic district and from the Harborside Event Center. This three story hotel is situated in a perfect riverfront tropical setting. All 147 rooms provide a tropical ambiance and come equipped with coffeemaker, refrigerator, iron/ironing board, and in-room movies. The hotel is within walking distance of the Edison and Ford Winter Estates and Museum. Toucan Charlie's Bar and Grill, serves Breakfast, Lunch and Dinner. A favorite among locals, features great food and spirits along with breathtaking river views and sunsets. While offering expected hotel amenities (swimming pool, fitness room, etc), this hotel has extra resort-style facilities such as a basketball court and a day spa, Le Spa International. The hotel also boasts several options for dining and entertainment including La Marina Waterfront Cafe, The Tiki Bar, and Dockside Lounge.

# **14<sup>th</sup> Southwest Florida Water Resources Conference**

## **CONFERENCE SPONSORS**

**Florida Section, American Water Resources Association (AWRA)**

**Calusa Chapter, Florida Engineering Society (FES)**

**The American Society of Agricultural Engineers (ASAE)**

**Audubon of Southwest Florida (ASWF)**

**Florida Association of Environmental Professionals (FAEP)**

**Southwest Florida Watershed Council**

**Caloosahatchee River Citizens Association (Riverwatch)**

**South Florida Water Management District (SFWMD)**

### **Program Sponsor**

Earthmark Companies

### **Sponsor**

Lewis Longman and Walker

### **Dinner Sponsors**

Gulf Citrus Growers Association

WCI Communities

### **Exhibitors**

Johnson Engineering

Mariner Properties

Mitigation Credit Sales

### **Break Sponsors**

Alico

Passarella and Associates

Bender and Associates

Yoder Brothers







### **AWRA NATIONAL NEWS**

The elections have been completed for the new Board of Directors for 2005-2008. The results are that Dave Dewalle has been selected as President-elect for 2005, and the two new Board Members are Bill Battaglin and Tamim Younos. Bill has been serving in a temporary role and it is good to see him move to a full Board term. Remember that Florida's own Dave Watt still sits on the National Board, and will stay for an additional two years. Thanks to his help, the Florida representation on the Board is continuing. If you want more information on these members, please go to the National AWRA Webpage.

I welcome you to join us in Orlando, Florida for our 40th year of providing the technical forum that has become synonymous with water resources management, research and education. This year's annual conference will again provide the forum for you to exchange ideas, expand your knowledge, meet colleagues and friends, and also enjoy the many Orlando offerings.

This year's annual conference will prove to be the best yet. We have planned exceptional field trips, chosen a location that provides enjoyable family opportunities, and prepared a program of excellent technical merit. This meeting exemplifies the AWRA commitment for a friendly forum in which to exchange ideas, and provide challenging issues for interdisciplinary water resources discussion.

I will be there and hope to personally meet all of you. - **Bob Moresi**

### **AWRA FLORIDA NEWS**

- Membership Directory Revisions
- Board of Directors Meeting Summary
- Education Committee News
- Technical Program Summary
- Announcements

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### **Membership Directory Revisions**

Please incorporate the revision shown below into your membership directory. If you have not received a directory, or have comments about your listing, please contact me. David Watt, Member Services at 386-329-4355 or [dwatt@sjrwmd.com](mailto:d watt@sjrwmd.com)

#### **Pages vi and 25**

Cathleen C. Vogel  
The Catalina Group Inc  
2600 Alarka Street  
Voice: 239-565-1429  
Fax: 305-860-6165

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### July 2004 Board of Directors Meeting Summary - by **Gail Murray**

The July 2004 board meeting was held at Wyndham Casa Marina Resort, Florida. Provided below are highlights of some of the items discussed at the meeting

- Mike Mesiano presided over the meeting.
- Patrick Victor, Treasurer, advised us that the organization was still doing well.
- Dave Watt said that the membership files are now up to date and we have 320 active members.  
**Keep up the good work everybody!!!**

- Rosanne Clementi indicated that we received four applications for the J. B. Butler Science Awards. The Board approved awards to the applicants of about \$350 each. A time extension has been given for the Storch award applications.
- **Annette Carter** was nominated to fill the Board vacancy.
- National representatives indicated that they were looking for moderators for the National meeting to be held in Orlando this November. If you are interested, please contact John Wehle.
- The Board approved updates to the by-laws. Voting on the changes will go to the general membership soon. **Update: Ballots have been US mailed. Please be on the watch for your ballot.**
- 2004 meeting locations and chairpersons:
  - **September 17, 2004 – Ft. Myers**, Ron Hamel and Ron Edenfield;
  - **November 1-4 National Meeting – Orlando**, FL Section Board meeting Nov. 2.

**Thank you Chairpersons for the great meeting.**

### **Education Committee Report - by Rosanne Clementi**

The Board of Directors is pleased to announce the following teachers have received J.B. Butler Grants for 2004. Congratulations to these deserving teachers!

Sherri Henley, Kindergarten Teacher, Lake Placid Elementary School  
 Art Wyckoff, 7<sup>th</sup> Grade Science Teacher, Ruth Rains Middle School, Cross City  
 Michael Malinka, 8<sup>th</sup> Grade Physical Science Teacher, Meadowlawn Middle School, St. Petersburg  
 Cathy Hagberg, Kindergarten- Second Grade Science Teacher, Perry Primary, Perry  
 Jack Palaio, Exceptional Needs Kindergarten–Second Grade Teacher, Perry Primary, Perry

#### **Key West Silent Auction**

The 3<sup>rd</sup> Annual Silent Auction at the Key West meeting was a tremendous success. We raised over \$5,000 for our Education Fund. Everyone had a good time especially trying to win Bubba Docs Royal Table. We promise it will be simpler next year. Everyone is a winner at the AWRA meetings. We look forward to putting together another fine array of items for next years auction.

#### **William V. Storch Student Award**

The Education Committee has extended the deadline for the two \$1,000 scholarships: \$1,000 for an undergraduate student and \$1,000 for a graduate student. Check out the Florida Section Webpage for the details.

### **July 2004 Technical Program Summary - By Jay Yingling**

July 29, 2004

**Assessment of Sediment Quality in the SJRWMD: An Important Component of Managing Freshwater Systems** (Greg Durell, Senior Scientist, Batelle) Mr. Durell described a multi-phase SJRWMD water quality study that began in 1995. Some of the objectives of the study were to locate and determine the ecological significance of sediment contaminants and to develop a history of sediments. Both random and targeted samples were taken from representative lakes, rivers, streams, and estuaries. The study tested for more than 100 organic compounds and 20 metals. The three areas with notable levels of sediment contamination were the Cedar Ortega River, Gainesville area lakes, and the Upper Ocklawaha chain of lakes. The next phase of the study will focus on the true environmental relevance of the contaminants, the identification and control of sources of contamination, and restoration of contaminated environments.

**Evaluation of Emerging Tracer Technologies** (Kathleen O'Neil and Kris Esterson, SE Region BEM Systems) Several types of tracers and their applications were addressed. Many of these older tracer technologies are costly in terms of time costs. New digital sampling technologies include in-situ analysis and recording that save a significant amount of time. A very significant savings with the in-situ digital analysis is that lab results don't have to be waited for to make sure that a complete range of significant events has been covered.

**Florida Stormwater BMPs: Fact and Fiction** (Stephen R. Lienhart, P.E., Vice President, URS Corporation) Older BMPs tended to be simple, cheap, non-maintained, and have a low pollutant removal efficiency. Newer BMPs are more efficient but also tend to be more complex, require more operation and maintenance activities, and are more difficult to permit. The DEP is building a database of BMPs to develop and distribute improved data on the effectiveness of various BMPs. While older systems have focused on reducing contaminant concentrations, it is now known that the total load may be more important. Phase I will focus on data and analysis. Phase II will focus on a cost analysis. Phase III will include the development of a database query tool. The study will investigate 12 key pollutants and 50 BMPs. Statistics are being developed at 41 sites and performance analysis reports are being developed for each parameter for each BMP. Mr. Lienhart asked that if anyone has data on Florida Stormwater BMPs that they would like to share, please contact the DEP.

**A Cost-Effective Strategy for Extracting Pore Water; Slipper vs. Centrifugation Method** (Randy Keyser and Patrick Zuloaga (presenter), Tetra Tech FW, Inc.) Pore water is the water in the voids in sediments. Mr. Zuloaga pointed out that the USGS "slipper" probe used for testing pore water has many problems. Their team made modifications to the slipper probe and tested the results against the results of the centrifugation method. Samples were tested for several parameters using both methods and to ensure that pore, and not surface water, was actually being tested. The results showed that, relative to the centrifugation method, the modified slipper method is a simple, cost-effective, and reliable in situ method for routine monitoring of pore water chemistry.

**Water Management Institute: Update on Activities** (Bob Higgins, P.E., President, Higgins Engineering, Inc.; Len J. Lindahl, P.E., LBFH, Inc.; Todd Wodraska, Emerge Consulting) M. Higgins discussed the mission of the Institute and indicated that the Institute is providing seed money for the water management oral history project and will be hosting the annual meeting in Vail in January. Mr. Lindahl discussed recent activities including updating the introduction to the Florida Water Manager's Brochure (for new governing board members and executive directors), and a new Water Management Institute member brochure. Mr. Wodraska indicated that they are designing and building a website and stressed how much discussions at the Vail meeting have influenced Florida water policy over time.

**Seashore Paspalum: Turf that is Friendlier to the Environment** (Mike Vanatta, International Sales Director, Environmental Turf, Inc.) Seashore Paspalum is native to South Africa but has developed many cultivars in the Americas. It will grow in southern states and may survive in northern states. It evolved on sand dunes in a coastal environment which makes it well adapted to extreme severe drought, high salinity, and low light intensity. Paspalum has a dual root system of rhizomes and stolens and can develop roots up to 1 foot deep. Under a golf-type maintenance scenario, it uses 25% less nitrogen than Bermuda and tolerates a wide range of mowing heights, traffic patterns, soil conditions, and irrigation water qualities. It also uses 1/3 as much water as Bermuda. Shade tolerance is better than Bermuda but not as good as zoysia. It is installed as sod or sprigs – not plugs and costs \$.20 to \$.75 per sq. ft., depending on the cultivar.

**Public – Private Partnerships: Pros and Cons** (Walter Kulakowski, Citigroup) Mr. Kulakowski indicated that the two primary reasons that water and wastewater services are typically provided by municipalities are that they are considered "essential" government services and because municipalities enjoy a low cost of capital. Public-private partnerships are becoming more common because the water environment is becoming increasingly more complex. The increasing numbers of regulated pollutants and new higher risk technologies drive privatization. Partnerships work best where: 1) risks are beyond public sector tolerance, 2) a project is new and stand-alone, 3) construction and long-term operation are



combined, 4) there are clearly defined performance specifications, and 5) there are clearly defined payment obligations.

July 30, 2004

***The Unanticipated Consequences of Purposive Water Policy*** (Harold V. Aiken, P.E., Vice President, MWH) Mr. Aiken contended that unanticipated consequences occur, in part, because natural systems and people are complex and many models ignore many variables. He gave several examples of policy failure: a high per capita rate allowed for one community leads to expectations by other communities of receiving the same high allocations; small changes in boundary condition assumptions caused a 100% overestimate in the Crossbar wellfield sustainable yield estimate, a utility fixes a pressure problem by increasing supply, but all the new supply disappears because the customers have not changed their low pressure behaviors (shower length, sprinkler duration). The Everglades was another “fix” gone awry. When developing policy and analyses, we need to invite diverse opinions so we can all benefit from the knowledge and share the risk.

***History of Water Management in Florida – Project Update*** (Dave Fisk, Assistant Executive Director, SJRWMD) This project started as an introduction to water management for governing board members and created a desire to formally document the history of water management in Florida. Seed money was provided by the Water Management Institute and the project is now being funded by the five water management districts. The project consists of two phases. The first is identifying, soliciting, and archiving important documents. The second is compiling an oral history of water management. An initial list of about 50 persons to interview has been developed. Both phases are being conducted by the University of Florida. In about a year, routine internet access to the information will be available.

**Aquacalma Project: Reflecting on a Public-Private Resource Project** - Not presented

***What's the Latest? – What's Expected?*** (Dave Moore, Executive Director, SWFWMD; Dave Fisk, Assistant Executive Director, SJRWMD; David Still, Assistant Executive Director, SRWMD; Carol Wehle, Assistant Executive Director, SFWMD; (John Wehle filled in for Doug Barr, Executive Director, NFWFMD) The representatives of the districts gave recaps of the year's significant activities and successes and what they expect to occur, both in their districts and in the legislature, next year. They are too numerous to summarize. Overall, it was an impressive list of accomplishments.

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### **Mark Your Calendars – January 21, 2005**

Make plans now to attend the first AWRA meeting of the New Year! Our January '05 session will take place at Ocean Hammock, Palm Coast on the beautiful shores of the Atlantic Intracoastal Waterway. Extensive historical research (aka: The collective memories of Board President Mike Mesiano and Board member Cathy Vogel) confirms that this will be the first time ever that a Florida Section AWRA meeting has been held in Flagler County, Florida! Mark your calendars now for Friday, January 21, 2005 and don't miss this inaugural event!



# 2004 Membership Application

## MEMBERSHIP DUES

New  \$10 Regular   
 Renewal  \$ 4 Student

## DIRECTORY INFORMATION

Please give us the information requested below, as you would like it to appear in the membership directory.

Name: \_\_\_\_\_  
First Middle Initial Last Suffix (Ph.D., PE, PG, etc)

Company/Affiliation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_  
Box, Street or Route Suite or Apartment

\_\_\_\_\_  
City State Zip Code

Daytime Telephone: \_\_\_\_\_  
Area Code

Facsimile: \_\_\_\_\_  
Area Code

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

## MEMBERSHIP INTERESTS

Would you like to receive our newsletter via e-mail? Yes  No   
 Are you an AWRA National Member? Yes  No   
 If not, would you like information? Yes  No   
 Are you interested in sponsorship opportunities? Yes  No   
 Would you like to be part of a bi-monthly meeting team? Yes  No

For membership information, please contact David Watt at (386) 329-4355 or [dwatt@sjrwmd.com](mailto:d watt@sjrwmd.com)

## PAYMENT INFORMATION

\$ \_\_\_\_\_ Annual dues (please indicate if you are paying for additional years)  
 \$ \_\_\_\_\_ Florida Section Water Resources Education Fund (tax deductible contribution)  
 \$ \_\_\_\_\_ **TOTAL (Please make checks payable to AWRA Florida Section, THANK YOU!)**

**Return application & check to:** **David Watt, Membership Services Coordinator**  
**P.O. Box 1823**  
**Palatka, Florida 32177**

Florida Section membership dues are due January 1 and are good through December 31. Contributions or gifts to the Florida Section are deductible as charitable contributions for federal income tax purposes. Dues payments may be deductible by members as an ordinary and necessary business expense.

### Section Use Only:

Date Received: \_\_\_\_\_ Check #: \_\_\_\_\_ Amount: \_\_\_\_\_

*2005 Board of Directors Election and Bylaws Revisions*

Each year the voting membership of the Florida Section, American Water Resources Association elects directors to its board. The nineteen (19) member board is composed of seventeen (17) elected directors and the past presidents for the previous two (2) years. Board members determine the policy and lead the activities of the Section in accordance with its Articles of Incorporation and Bylaws. Directors are expected to actively participate in association activities and to attend regularly scheduled board meetings. Any board member who misses three (3) consecutive board meetings in a year may be removed by action of the board. In addition, in 2005 the board wishes to amend the bylaws of the Florida section. A copy of the proposed revised bylaws is attached.

**Ballot Directions** – You are voting for all seventeen (17) candidates on the ballot for this election. Mark your choices on the enclosed ballot in the space provided next to each name and mail the ballot as soon as possible. Election results will be tabulated in November and published in the December issue of the Section newsletter “the Watershed.” Newly elected board members will be installed at the January 2005 board meeting in Palm Coast. You are also voting to approve the bylaws revisions.

***BALLOT***

Please indicate your selection with an X, or indicate a write-in candidate.

#	Yes	No	Nominee – Residence	Write-In Candidate
1	<input type="checkbox"/>	<input type="checkbox"/>	Ronald Edenfield, PE – Ft. Myers	
2	<input type="checkbox"/>	<input type="checkbox"/>	Neil Aikenhead, PE – Jacksonville	
3	<input type="checkbox"/>	<input type="checkbox"/>	John Fumero, Esq – W. Palm Beach	
4	<input type="checkbox"/>	<input type="checkbox"/>	Ron Hamel – LaBelle	
5	<input type="checkbox"/>	<input type="checkbox"/>	Robert Higgins, PE – W. Palm Beach	
6	<input type="checkbox"/>	<input type="checkbox"/>	Don McEwen – Havana	
7	<input type="checkbox"/>	<input type="checkbox"/>	Allan Biddlecomb, PG – Gainesville	
8	<input type="checkbox"/>	<input type="checkbox"/>	Carol Hinton – Gainesville	
9	<input type="checkbox"/>	<input type="checkbox"/>	Gail Murray, PG – Tequesta	
10	<input type="checkbox"/>	<input type="checkbox"/>	Paul O’Neil, Jr., PE – Tampa	
11	<input type="checkbox"/>	<input type="checkbox"/>	Roger Rumenik, PG – Tallahassee	
12	<input type="checkbox"/>	<input type="checkbox"/>	Annette Carter – Stuart	
13	<input type="checkbox"/>	<input type="checkbox"/>	Patrick Victor, PE – Jacksonville	
14	<input type="checkbox"/>	<input type="checkbox"/>	Cathleen Vogel – Miami	
15	<input type="checkbox"/>	<input type="checkbox"/>	David Watt, PE – Palatka	
16	<input type="checkbox"/>	<input type="checkbox"/>	Jay Yingling – Tampa	
17	<input type="checkbox"/>	<input type="checkbox"/>	Sanford Young – Tallahassee	

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approval of Bylaws Revisions	
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Please mail/fax/email your completed ballot no later than October 31, 2004 to:

Gary K. Howalt, Tellers Committee  
 AWRA Florida Section  
 7220 Financial Way, Suite 100  
 Jacksonville, Florida 32256  
 Phone (904) 470-2200 · Fax (904) 470-2112  
 Email ghowalt@esinc.cc



**AWRA Newsletter Editor:**

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**VISIT THE FLORIDA SECTION WEBSITE AT:  
[www.awraflorida.org](http://www.awraflorida.org)**

**Contact Upcoming Meeting Chairmen Regarding Sponsorship or Assistance**

**Ft. Myers**  
September 17, 2004  
R. Hamel & R. Edenfeld  
863-675-2180

**Orlando**  
National Meeting Nov 1-4  
Harriette Bayse  
540-687-8390

**Ocean Hammock**  
Palm Coast  
January 21, 2005

**TBA**  
March 2005

**Welcome New Members!**

Daniel Bergin, University of Florida student, Gainesville  
David Collins, PE, DEE, Camp Dresser & McKee, Inc., WPB  
Kevin Ellerton, Barnard Construction Company, Bozeman, MT  
William Kirk, PG, EMS Scientists, Engrs, Planners, Inc., St. Augustine  
Capt. Edward Maciejko, South Florida WMD, Stuart  
Mark Mechling, PE, Ellis & Associates, Inc., Jacksonville  
Patrick Pye, EMS Scientists, Engrs, Planners, Inc., Altamonte Springs  
Doug Strom, Water and Air Research, Gainesville  
Sandy Wright, Malcolm Pirnie, Inc., West Palm Beach  
Michael Zelazo, University of Florida student, Seffner

