

FWEA Manasota Chapter

Vol 15 - August 2013

Message from the Steering Committee

*By Kristiana Dragash, Carollo Engineers
Chair, Manasota Chapter*

Hello fellow FWEA-ers! Though the lazy days of summer are upon us the steering committee has been hard at work planning our next luncheon and organizing various outreach activities. Here is a synopsis of events since the May luncheon.

The FWEA Manasota steering committee has grown, once again! We have the added forces of Chris Sharek as our professional society liaison and Danielle Bertini as the Young Professional (YP) Coordinator! Chris will help to coordinate with other local professional societies and aid in planning joint events in the future. Danielle is a USF grad (Go Bulls!) who recently joined the Stantec team and FWEA. Danielle will help to organize special events in the Manasota area as well as coordinating with surrounding student chapters.

Just before summer got started, FWEA made a visit to the Booker High School STEM academy. Thanks to the generous support of our sponsors, FWEA was able to contribute to the STEM program once again. The FWEA members discussed some of the challenges that engineers in this industry tackle on a daily basis and helped Mr. Truman present year-end awards to



Manasota Steering Committee after the May luncheon joined by speakers Kimberly McCue of Royalty Consulting, Tom Jackson-Utilities Director for City of Punta Gorda and Greg Chomic, President of FWEA.

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the students. They, in turn, presented us with a plaque as a token of their appreciation for our support. Next year, I hope to recruit most of the STEM program to participate in the Region X AWWA Model Water Tower Competition so they can get hands-on experience in working with water.

Speaking of students, you may have seen a few more in the downtown Sarasota area for the ASCE state conference! Many of our steering committee members also help to plan ASCE events and were instrumental in the planning of events surrounding the state conference. In addition to the typical conference activities, there was also an opportunity to enjoy the water that we work so hard to protect- kayaking through mangrove tunnels and with manatees in the bay! Another conference highlight was the YP pub crawl. The group of students,

YPs, and even some SPs (seasoned professionals) hit Sarasota's downtown hot spots while looking for items from the photo scavenger hunt! Congratulations to the ASCE team for organizing a fantastic conference and representing the Sarasota area!

If you missed the ASCE kayak event, it's ok! We are in the midst of planning the annual kayak event benefitting water for people. Last year was a blast so don't miss it this time! Details will be released soon.

I am pleased to announce the speaker for our next luncheon. Seton Katz has been very supportive and involved with the Manasota chapter over the years, and now we get to hear about some of the elements of the Dona Bay Water Treatability project, which he has been managing for Sarasota County.

The Manasota Chapter is in search of Project Spotlight articles for future newsletter editions. Chapter sponsors are encouraged to submit an article highlighting a local project. Please contact Laura Baumberger at lbaumberger@carollo.com or 941-371-9832 for more information.



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The FWEA Wastewater Process Committee Presents
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WASTEWATER TREATMENT FROM STEM TO STERN – RIGHTING THE PROCESS SHIP

You are invited to attend this one-day seminar to be held at three locations:

Central Florida
NOVEMBER 5,
2013

South Florida
MARCH 2014
(more information
to come)

Northeast Florida
FALL 2014
(more information
to come)

The program will feature several professionals and process experts presenting on the following topics:

- **Regulation Affecting Utilities in Florida**
Paul Steinbrecher, P.E.
- **Preliminary Treatment (Screening and Grit Removal)**
Joshua Boltz, Ph.D., P.E.
- **Primary Clarification for Energy Efficiency**
Jose Jimenez, Ph.D., P.E.
- **5-Stage Bardenpho – Basics and Control**
Marie Pellegrin, Ph.D., P.E.
- **Clarifiers – Enhancements to Performance**
John Elser, P.E.
- **Optimizing Clarifier and Mixer Designs Using CFD Modeling**
Randal Samstag, P.E., BCEE
- **Enhancing BNR**
Ron Trygar, CET
- **Disinfection to Reduce DBPs**
Dave Hagan, P.E.
- **Wastewater Treatment Energy Optimization**
Jane Zhang, Ph.D.

CENTRAL FLORIDA EVENT DETAILS:

*Register now to
reserve your seat!!
Limited spots
available!*

DATE:
November 5, 2013

REGISTRATION TIME:
8:00 - 8:30 AM

PROGRAM DURATION:
8:30 - 4:30 PM

LOCATION:
Polk County Utilities
1011 Jim Keene Blvd
Winter Haven, FL 33880

REGISTRATION COST:
Member (pre-registered): **\$85**
Member (register on-site): **\$125**
Non-member: **\$180** (includes WEF/
FWEA membership)
Non-member Public Employee:
\$135 (includes FWEA membership)

SPONSORSHIP:
\$250 (includes company name in flyer
and all advertising of program)

Online registration is available for this CEU/PDH opportunity at www.fwea.org.

Calendar of Upcoming Events

AUGUST

6-8 ISA Water/Wastewater and Automatic Controls Symposim, Orlando

15 West Coast Chapter Luncheon

22 FWEA Manasota Chapter Luncheon, Lakewood Ranch

SEPTEMBER

12 Southwest Florida Water & Wastewater Exposition, Fort Myers

20 2013 Florida Water Forum, Orlando

27 FWEA Southwest Chapter & FS AWWA Region V 12th Annual Golf Tournament, Fort Myers

August

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

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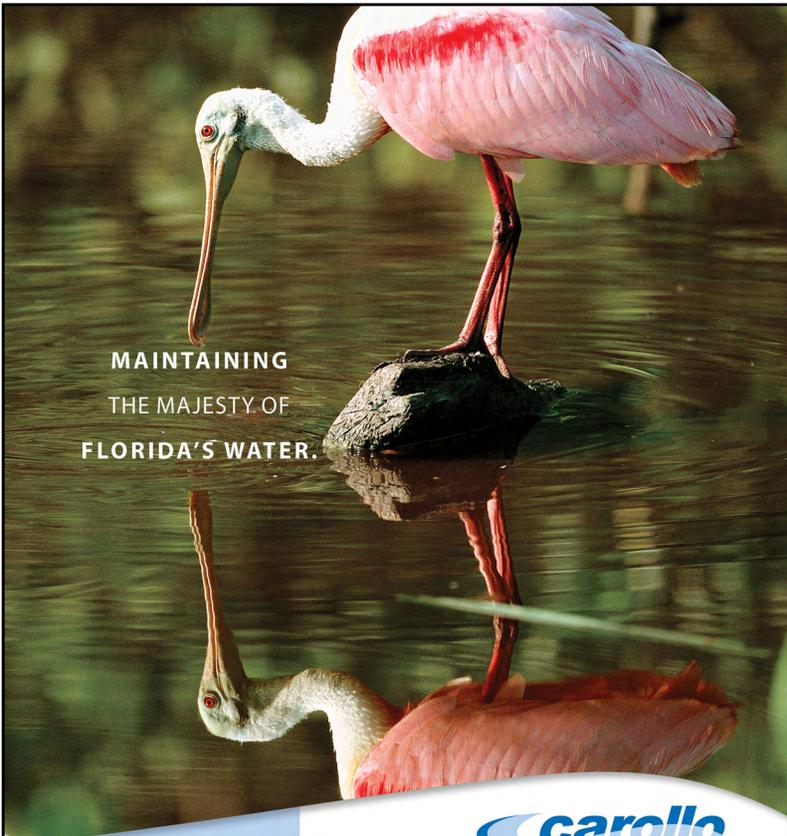


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Chris Sharek: 941.225.4825

*If you are interested in joining the Steering Committee, please contact us.
We are currently seeking additional At-Large Members.*

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Dona Bay Water Treatability Study - Interim Update

by Seton Katz, PE - Technical Specialist, Sarasota County Public Works

Abstract

In the 1960s, about 37,000 acres of farmland was added to the Dona Bay watershed by channelizing and diverting streambeds. This additional acreage greatly increased the size of the Dona Bay watershed meaning rainfall in the watershed now results in excess freshwater flow into Dona Bay, an outstanding Florida Waterway. The excess fresh water upsets the salinity balance and displaces sea-grasses and oyster beds in Dona Bay. During a typical summer wet season, the excess fresh water entering Dona Bay may be 300-million gallons a day or more. The Dona Bay Water Treatability Study is designed to evaluate the feasibility and cost effectiveness of treating this excess water for potable use, simultaneously

improving the environment and developing a new water source. This information will help inform decision makers considering the far-reaching Dona Bay Watershed management project.

Seton Katz

Seton Katz has 15 years of experience planning and overseeing design of a variety of water and wastewater infrastructure projects in South and Southwest Florida. He has Bachelors and Masters of Engineering degrees from the University of Florida, Gainesville and is an active member of several professional and technical organizations.

FWEA MANASOTA CHAPTER LUNCHEON MEETING

FCCI Insurance Group Catering Facility
6300 University Parkway, Sarasota, FL 34240
Registration - 11:30 • Lunch and Program - 12:15
Cost: \$15

Menu: Grilled Chicken, Vegetarian Pasta Salad, Fruit Salad, Green Salad, Potato Salad, Burger Sliders, Gourmet Grilled Cheese Sliders, Cookies

Name	Company/Affiliation	Phone

You can register online at www.fwea.org or register by phone, fax, or e-mail to Linda Maudlin
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