

FWEA Manasota Chapter

Vol 19 – July 2014

The Manasota Chapter Making Waves!

*By Manasota Chapter YP Coordinator
Danielle Bertini, Carollo Engineers*

The Manasota Chapter has had a productive year so far. The May quarterly luncheon had one of the best turn-outs yet. Chris Collins, Biosolids and Reuse Supervisor with Manatee County, presented on the County's method for going "green". It is amazing how much the County saved by making little changes. No more below desk fridges! The presentation gave everyone much to think about in terms of saving energy and money.

The Manasota Chapter will be sponsoring a Summer Social for members on Thursday July 10th from 5:30 to 7:30 PM. All members (and significant others) are welcome to join us for refreshments and appetizers at the Blasé Café on Siesta Key in Sarasota. Members are free, and non-members are \$10. RSVP to Danielle Bertini at dbertini@carollo.com.

The 5th annual joint FWEA/AWWA Kayak Event was a huge success, raising nearly \$1,000 for Water For People. This year, thirty people participated in the event, which was held at the Robinson Preserve Park in Bradenton. The tour was led by Happy Paddler, an experienced and knowledgeable kayak guide in the Bradenton area. Paddlers of all ages attended - from the age of 7 to 86! This event would not have been possible without the tireless efforts of Lindsay Marten who did an outstanding job planning the event.



Kayakers as seen from the observation tower at Robinson Preserve.



Julie Karleskint and her father Albert enjoy some shade while paddling.

Continued from page 1

The Chapter has expanded its steering committee once again. Mike Knowles, who has served on the West Coast and First Coast steering committees, is now joining us as the Manasota Vice Chair. Kyle Kellogg has joined as the Education Outreach Coordinator and will be organizing outreach events at middle schools and high schools to promote the water and wastewater engineering fields. Samantha Nehme will be keeping the Manasota web page up to date as the new webmaster. Last, but certainly not least, we would like to welcome Mike Nixon to the Manasota Chapter. Mike served as Vice Chair of the FGCU Student Chapter and will be helping to plan events as the Special Events Coordinator.

The Manasota members have been branching out into FWEA! Kristiana Dragash is now serving on the FWEA Board of Directors as a Director at Large (DAL). She is responsible for overseeing the Manasota and Central Florida Chapters, UCF Student Chapter, Students and Young Professionals (S&YP) Committee, and the Wastewater Process Committee. Chris Collins is the Chair of the Biosolids Committee, and Danielle Bertini will serve as Vice-Chair of the S&YP Committee this year. Julie Karleskint, Chair of the Public Education

Awards for the Public Communications and Outreach Committee, recently gave an outreach presentation at the Sky Academy. Congratulations to you all and good luck in your new roles!

The next quarterly luncheon will be on July 31, 2014 at FCCI (6300 University Parkway). Juan Florensa, Utility Director for the Town of Longboat Key, will be presenting on the subaqueous force main project. July 28th is the last day to pre-register! Reserve your seat today by going to www.fwea.org or by contacting Linda Maudlin lmaudlin@greeley-hansen.com.



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Calendar of Upcoming Events

JULY

- 10** FWEA Manasota Chapter Summer Social, Siesta Key
- 11** FWEA Utility Council NNC Implementation Workshop, Orlando
- 18-19** ASCE Florida Section Annual Conference, Miami
- 30** FSAWWA Region IV Summer Luncheon, Tampa
- 31** FWEA Manasota Chapter Steering Committee Meeting and Luncheon, Lakewood Ranch

July

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		

AUGUST

- 6-9** FES/FICE Annual Conference, Marco Island
- 20** FWEA Board of Directors Meeting, Orlando

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

- 11** Southwest Florida Water and Wastewater Expo, Fort Myers
- 19** FWEA Southwest Water and FSAWWA Region V Golf Tournament, Fort Myers
- 21** FWEA Day with the Rays, St. Petersburg

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				



Summer Social

Come and Join us for
the Manasota Chapter Summer Social!!

July 10th, 5:30 PM - 7:30 PM

Blasé Café

5263 Ocean Blvd, Sarasota, FL 34242

RSVP to Danielle Bertini: dbertini@carollo.com

Member are free, Non-members are \$10.



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The Future Looks Bright

By Julie Karleskint, PE - Hazen and Sawyer

During the month of June, I had the honor of participating as a judge for the US Stockholm Junior Water Prize (SJWP) competition in Herndon, Virginia near Washington DC. The competition included 54 participants from 48 states, Puerto Rico, and the US Virgin Islands. The participants were all competing for the 2014 US SJWP title, \$10,000 cash prize, and an all-expense paid trip to Stockholm, Sweden to compete at the International SJWP competition. As part of the judging process, I read and reviewed sixteen papers from contestants throughout the US ranging on a variety of topics including the development and testing of a microfluidic biosensor for environmental contaminants, a new testing method for detecting arsenic, the use of sea shell filters to remove caffeine, and power management devices for a microbial fuel cell, as well as many other topics. In reading these papers, I was impressed and amazed of the quality of work that was being produced by these high school students.

The winner of the SJWP was a Deepika Kurup of New Hampshire for her project, "A Novel Photocatalytic

Pervious Composite for Degrading Organics and Inactivating Bacteria in Wastewater." Florida's own Zachary Loeb was one of the runner-ups in the competition. Zach's submittal was titled "Preventing the Global Reproductive Failure of Aquatic Life through the Catalytic Treatment of Endocrine Disrupting Compounds in Municipal Wastewater." Zach recently graduated from Viera High School in Melbourne, Florida and has a strong interest in marine biology, green chemistry, and looking for solutions to preventing and eliminating contaminants from the environment. I had the opportunity to meet Zach at the competition and was very impressed with this young man. I know he will go far as he works with the other youth of today in making our environment a better place.

Julie Karleskint with US Stockholm Junior Water Prize contestant Zachary Loeb of Melbourne.



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If you are interested in joining the Steering Committee, please contact us.

We are currently seeking additional At-Large Members.



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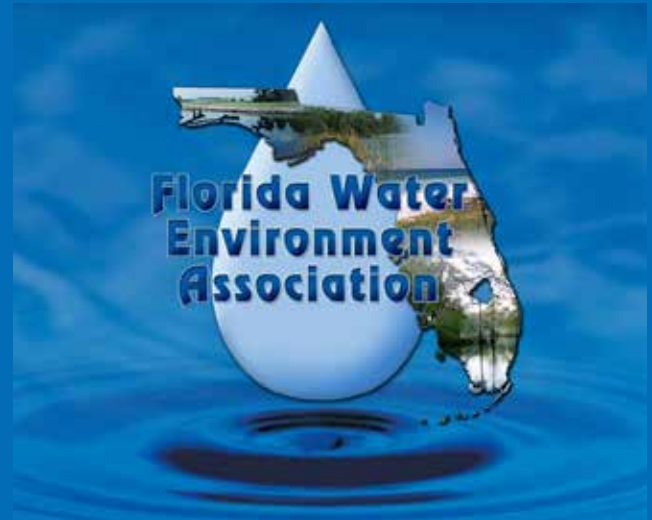
Steering Committee Meeting

FWEA Manasota Chapter Steering Committee Meeting will be held on July 31st at 11 AM at FCCI Insurance Group Catering Facility before luncheon. If you are interested in joining Steering Committee, you are welcome to attend.

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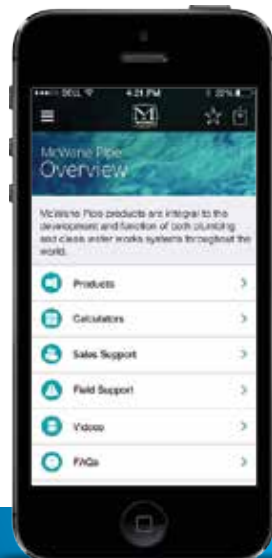
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Town of Longboat Key Subaqueous Forcemain Replacement Project

by Juan Florensa- Town of Longboat Key Director of Public Works and Utilities

Abstract

The Town of Longboat Key is an island off the coast of Manatee and Sarasota Counties. The Town pumps its collected raw wastewater from a master pump station on Longboat Key to the Manatee County Southwest Regional Wastewater Treatment Facility on the mainland. The wastewater is transported by a 20-inch ductile iron forcemain that was installed in 1973. The existing forcemain is approximately 16,000 lineal feet, of which approximately 11,000 lineal feet is subaqueous across Sarasota Bay. The Town is planning to proactively replace the aged forcemain and will use a design-build contracting method to deliver the project.

Juan Florensa

Juan Florensa serves as the Director of Public Works and Utilities for the Town of Longboat Key. In addition to the Water and Wastewater Division, his department is responsible for the maintenance, operation, and capital projects for all public roads, parks, recreation center, solid waste, facilities maintenance, fleet, and beaches. Juan has been in his current position in Longboat Key since February 2001. Previously, he served as Public Works Director for the City of North Port for 17 years. He started his professional career working for Sarasota County government in 1980 after graduating from Georgia Tech in 1979 with a Bachelors Degree in Civil Engineering.

FWEA MANASOTA CHAPTER LUNCHEON MEETING

FCCI Insurance Group Catering Facility

6300 University Parkway, Sarasota, FL 34240
Registration - 11:30 • Lunch and Program - 12:15

Members: \$15 • Non-members: \$20

Menu: Grilled cheese sliders, summer salad, grilled chicken breast, potato salad, pasta salad, cookies, soda, and water

You can register online at www.fwea.org or register by phone, fax, or e-mail to Linda Maudlin
2601 Cattlemen Road, Suite 100, Sarasota, FL 34232
Ph: 941-378-3579 • Fax: 941-378-9489 • E-mail: lmaudlin@greeley-hansen.com

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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