



OUR FUTURE WITH REUSE/RECLAIMED WATER

A FULL DAY SEMINAR FOR SOUTH FLORIDA

DATE & TIME

Friday, May 15th, 2009
7:30am – 5:00pm

LOCATION

Signature Grand
6900 State Rd 84
Davie, FL 33317
www.thesignaturegrand.com

SPONSORS

AECOM
Brown and Caldwell
Calvin Giordano and Associates
Carollo Engineers
CDM
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SFWMD
WaterReuse Florida

PROGRAM SUMMARY

7:30am Registration
8:00am Welcome and Opening Remarks
8:45am Regulatory Issues
10:30am Implementing Reuse/Reclaim
12:00n Lunch Keynote Address:
Update on Best Available Technologies for Analysis
1:30pm Utility Updates
3:00pm Public Forum

REGISTRATION \$35.00

Early Registration is strongly advised as seating is limited. Visit www.broward-asce.org for additional registration and sponsorship information.

The Florida Section of the American Society of Civil Engineers, in partnership with the South Florida Water Management District invites you to participate in a one-day symposium with panel discussions by elected officials, technical experts, regulators and policy implementers involved in water supply issues. This symposium provides an open forum for current and future civil engineers, elected officials and the general public to discuss *Our Future with Reuse/Reclaimed Water*.



SPEAKERS

The workshop is presented by elected officials, regulators, utility professionals and nationally recognized experts in the field of advanced reclaimed water treatment technologies and reuse.

David Ammerman
Bruce Chalmers
Shannon Estenoz
Alan Garcia
Pat Gleason
Bertha Goldenberg
Chris Helfrich
JoAnn Jackson
Jeff Koons
Patrick Mullen
Melodie Naja
Doug Owen
Stacy Ritter
Andrew Salvesson
Carlos A. Gimenez
Shanin Speas-Frost
Satya Sukumar

AECOM
Camp Dresser & McKee (CDM)
South Florida Water Management District
Broward County WWS
Camp Dresser & McKee (CDM)
Miami-Dade Water & Sewer Department
City of Boca Raton
Brown & Caldwell
Palm Beach County Commission Chair
Montgomery Watson Harza (MWH)
Everglades Foundation
Malcolm Pirnie
Broward County Mayor
Carollo Engineers
Miami-Dade County Commissioner
Florida Dept. of Environmental Protection
ASCE Florida Section President

WHO SHOULD ATTEND?

The workshop will benefit consultants, state and federal regulators, engineers, water facility operators, planners, students, faculty, elected officials, utility managers and local government staff responsible for developing and implementing water quality and alternative water supply initiatives.

TENTATIVE AGENDA—FRIDAY MAY 15TH 2009

TIME	TOPIC	SPEAKER
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7:30 am	Registration & Continental Breakfast	
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8:00 am	Welcome and Opening Remarks	
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	Shannon Estenoz, <i>SFWMD Governing Board Member</i>	Satya Sukumar, <i>ASCE</i>
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	Carlos A. Gimenez, <i>Miami-Dade County Commissioner</i>	Stacy Ritter, <i>Broward County Mayor</i>
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MORNING SESSION NO. 1 (8:45 AM—10:00 AM)

Regulatory Issues

Representatives knowledgeable of regulatory issues related to reuse/reclaimed water legislation will provide an understanding from their perspective on issues ranging from limiting irrigation, effluent discharge and/or water quality standards.

Peter Moore, *Chen and Associates*
(Moderator)

8:45—9:05 am	National Perspective on Regulatory Issues Affecting Indirect Potable Reuse	
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Jo Ann Jackson, *Brown and Caldwell*

9:05—9:25 am	State Perspective: FDEP Regulations—Why Reuse?	
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Shanin Speas-Frost, *FDEP*

9:25—9:45 am	Regulatory Pressures to Implement Indirect Potable Reuse Projects	
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David Ammerman, *AECOM*

9:45—10:00 am	Q & A Period	
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10:00—10:30 am	Break	
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MORNING SESSION NO. 2 (10:30 AM—12:00 N)

Implementing Reuse/Reclaim

Industry professionals from utilities and elected officials will provide an understanding of the contemporary issues related to reuse/reclaimed water, including ocean outfall, micro-contaminants, energy requirements and costs.

Jose Lopez, *SFWMD*
(Moderator)

10:30—10:50 am	Implementing Reuse Successfully: Case Studies	
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Patrick Mullen, *MWH*

10:50—11:10 am	Identifying Barriers and Developing Public Support for Reuse Projects	
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Doug Owen, *Malcolm Pirnie*

11:10—11:30 am	Implementing Reuse in South Florida: Infrastructural Needs and Costs	
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Bruce Chalmers, *CDM*

11:30—12:00 n	Q & A Period	
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LUNCH (12:00 N—1:30 PM)

Keynote Address: Best Available Technologies for Reclaimed Water, a Cost and Benefits Analysis

Andrew Salveson, *Carollo Engineers*

AFTERNOON SESSION NO. 1 (1:30 PM—3:00 PM)

Utility Updates

Public and private sector utility professionals responsible for interpreting and addressing the changing rules and regulations will provide an understanding of how public water suppliers fund mandates, addresses the increasing regulations, and ensure the protection of public health.

Pat Davis, *Hazen & Sawyer*
(Moderator)

1:30—1:50 pm	Miami-Dade Water and Sewer Department Update	
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Bertha Goldenberg, *MDWASD*

1:50—2:10 pm	Broward County Update	
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Alan Garcia, *Broward WWS*

2:10—2:30 pm	Boca Raton Utility Update	
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Chris Helfrich, *City of Boca Raton*

2:30—2:50 pm	Political Will and Funding for Reuse Projects in S. Florida	
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Jeff Koons, *Palm Beach County Commission*

2:50—3:00 pm	Q & A Period	
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AFTERNOON SESSION NO. 2 (3:00 PM—5:00 PM)

Individuals from the previous sessions, elected officials, regulatory agencies, utility professionals and the private sector engineering will provide open public dialog regarding the benefits and issues around implementing reuse/reclaim water in South Florida.

Mark Elsner, *SFWMD*
(Moderator)

Pat Gleason, *CDM*

Shanin Speas-Frost, *FDEP*

Jeff Koons, *Palm Beach County Commissioner*

Bertha Goldenberg, *MDWASD*

Melodie Naja, *Everglades Foundation*