



2010 Summer Conference and 40th Annual Meeting

Sustainable Resource Management – Lessons from Clean Water's Past and Present

*July 20 - 23, 2010
Fairmont San Francisco
San Francisco, California*
Δ – Board of Directors Committees

Tuesday, July 20

Morning

7:30 – 4:00 Registration

Garden Room Foyer

8:15 – 9:15 Strategic Planning Committee Δ

Fountain Room

9:30 – 10:30 Finance Committee Δ

Fountain Room

9:30 – 10:30 Climate Change Committee

French Room

11:00 – 12:00 Water Quality Committee

French Room

Afternoon

1:00 – 2:00 Biosolids Management Committee

French Room

1:00 – 2:00 Stormwater Management Committee

Venetian Room

2:15 – 3:15 Membership Committee Δ

Green Room

2:15 – 3:15 Facility & Collection System Committee

Venetian Room

3:30 – 4:30 Utility Management Committee

Fountain Room

*Denotes confirmed speaker

4:00 – 5:00 Legal Affairs Committee
Venetian Room

Evening
5:45 – 7:00 Registration
Loggia

6:00 – 7:30 National Environmental Achievement Awards/Peak Performance Awards
Pavilion/Roof Garden Ceremony & Reception
Join us as we kick off the Summer Conference with an award ceremony and reception honoring agencies receiving NACWA's 2010 National Environmental Achievement Awards and member agency facilities for their peak performance.

Wednesday, July 21

Morning
7:30 – 8:45 Legislative & Regulatory Policy Committees (Joint Meeting)
Pavilion Room

7:00 – 4:00 Registration
Garden Room Foyer

9:00 – 12:00 **GENERAL SESSION I**
Venetian Room

Opening Remarks
Kevin Shafer*
NACWA President (2009-2010)
Executive Director
Milwaukee Metropolitan Sewerage District
Milwaukee, WI

Welcoming Remarks
The Honorable Sophie Maxwell*
Supervisor – District 10
Board of Supervisors
City and County of San Francisco
San Francisco, CA

Conference Keynote
A Vision for Clean Water in the 21st Century and Beyond
Dr. Peter H. Gleick, co-founder and president of the *Pacific Institute for Studies in Development, Environment, and Security* in Oakland, California, will reflect on the past 40 years of implementing the Clean Water Act and how lessons learned over these decades have helped to articulate a vision for clean water in the 21st Century and beyond. Dr. Gleick's research and writings address the critical connections between water and human health, the hydrologic impacts of climate change, sustainable water use, privatization and globalization, and international

conflicts over water resources. Dr. Gleick is an internationally recognized water expert and was named a MacArthur Fellow in October 2003 for his work. In 2001, Gleick was dubbed a "visionary on the environment" by the British Broadcasting Corporation and in 2006, he was elected to the National Academy of Sciences in Washington, D.C.

Peter Gleick*

President & Co-Founder
Pacific Institute
Oakland, CA

Roundtable

Clean Water Act Perspectives...Past and Present

While the Clean Water Act has been one of the most successful environmental statutes to date, many worry that the progress made so far will soon be lost as the Nation's population grows and development spreads. What was initially the target of the Clean Water Act's mandates – point source dischargers – has now been effectively addressed. We now are faced with substantial challenges as we work to address the remaining sources of water quality impairment – nonpoint sources including urban and agricultural runoff and air deposition. How we overcome these challenges has been, and will continue to be, the subject of much debate among the clean water community and all its stakeholders. Current and former EPA officials will provide their perspectives on the issues of the past, the successes we can point to, and the challenges we face in the future.

Moderator

Kevin Shafer*

NACWA President (2009-2010)

Roundtable Participants

Ben Grumbles*

Director
Arizona Department of Environmental Quality
Phoenix, AZ

Jim Hanlon*

Director
Office of Wastewater Management
U.S. Environmental Protection Agency
Washington, DC

11:30 – 12:00
Venetian Room

Annual Association Business Meeting

Report of the President
Report of the Treasurer
Election of Directors
Report of the Executive Director

Closing Remarks

Kevin Shafer*

NACWA President (2009-2010)

Afternoon

12:15 – 2:00

Pavilion Room

Board of Directors Meeting

2:00 – 4:30

Venetian Room

GENERAL SESSION I (continued)

Opening Remarks

Jeff Theerman*

NACWA President (2010-2011)

Executive Director

Metropolitan St. Louis Sewer District

Saint Louis, MO

Industry Leader Keynotes

Bill Bonkoski*

Vice President

Global Ultrafiltration & Membrane Bioreactor

GE Power & Water

Philadelphia, PA

Featured Speaker

From Waste to Resource...The Evolution of an Industry

Forty years ago, most of the wastewater industry's energy was focused on securing funding for upgrades that would allow our treatment plants to meet new federal mandates for treatment. Over time our focus has shifted from 'treating wastewater' to producing 'clean water' – focusing on the product, rather than the waste. Now that evolution is poised to take the clean water community into a new frontier, as our clean water, biosolids and other 'byproducts' are increasingly sought after as key resources that can substitute for raw materials or be used to generate energy. Eric Sapirstein, a Washington insider who has spent his career with the clean water community, will provide his perspective on how the industry has changed and how changes in Washington may facilitate this evolutionary process.

Eric Sapirstein*

President

ENS Resources

Washington, DC

Featured Speaker

The Energy/Water Nexus...Two Industries' Interdependence

Now the subject of a series of Government Accountability Office reports, the energy/water nexus continues to garner significant attention from policymakers at all levels of government. The Nation's water needs for energy production will only continue to grow as rising populations increase power demands and more focus is placed on domestic energy production. At the same time, the energy needs of the water sector are significant and will only continue to increase as new regulations demand additional and higher levels of treatment. The clean water community has unique opportunities to both reduce its power demands and tap into the potential energy of the many resources it already manages. A key government official from the National Renewable Energy Laboratory will describe the current dynamics among energy production and water use, and how power demands, climate change, and other 21st century challenges will continue to put stress on this key resource nexus.

Robin Newmark*

Director, Strategic Energy Analysis Center
National Renewable Energy Laboratory
Golden, CO

Closing Keynote

Going Off the Grid

Many utilities are exploring energy generation opportunities to reduce operating costs, offset their environmental impacts, or simply to put to good use a resource that might otherwise be wasted. For some utilities energy independence – going completely off the power grid – has become a core utility mission. The Inland Empire Utilities Agency (IEUA) in Chino, California has set a goal of being off the grid by 2020. An IEUA representative will describe how their agency is harnessing the energy from methane gas generated by the wastewater treatment process, capturing solar energy through photovoltaic installations, and assessing the feasibility of other potential energy sources including wind power and bio-fuels from algae.

Thomas Love*

Interim Chief Executive Officer/ General Manager
Inland Empire Utilities Agency
Chino, CA

Closing Remarks

Jeff Theerman*

NACWA President

6:00 – 8:00

Gold Room

NACWA Hall of Fame Induction Ceremony & President's Reception

(Presentation of New Officers, Hall of Fame Honorees, and Presentation of Jefferson Cup)

Join us as the Association marks its 40th anniversary by recognizing an inaugural class of 40 individuals as members of the new *NACWA Hall of Fame*. The reception which follows the induction ceremony provides a backdrop for celebrating outgoing and welcoming new leadership for the Association.

Thursday, July 22

Morning

7:30 – 8:45

Pavilion Room

Water Sector Leadership Roundtable Breakfast (Unpublished)
(By invitation only: Presidents & Executive Directors of key organizations)

7:00 – 12:00

Garden Room Foyer

Registration

9:00 – 11:45

Venetian Room

GENERAL SESSION II

Opening Remarks

Jeff Theerman*

NACWA President

Industry Leader Keynote

Robert Eimstad*

Partner

Sustainability Lead

Carollo Engineers, P.C.

Miami, FL

Featured Speakers

Reuse's Role in 21st Century Water Policy

While water reuse is growing nationwide, the western U.S. continues to be a hot-bed of activity, with California continuing to set the pace for the Nation as it seeks to double the amount of water recycled in the state. Orange County's groundwater replenishment system is the largest in the state and among the most sophisticated in the world. The system is charting new territory for the country's reuse programs. Meanwhile, the State Water Resources Control Board's Recycled Water Policy and an expert panel effort to address contaminants of emerging concern in recycled water are garnering significant attention both in California and nationwide. New policies, together with technology advances, are helping to shape the future of reuse and cement its role as a cornerstone of U.S. water policy. Two industry leaders, from the private sector and the public water reuse community, will provide their perspectives on the future challenges and opportunities in recycling water.

Jon Freedman*

Government Relations Leader

GE Water

Washington, DC

Paul Jones*

President, WaterReuse California

General Manager

Irvine Ranch Water District
Irvine, CA

Featured Speakers

Infrastructure Sustainability – Financing and Management

The term sustainability is used in many contexts, but its use to describe how clean water agencies manage their infrastructure, both from the physical asset and financing perspectives can be interpreted in many different ways. With their complex asset management programs, massive capital budgets, and tremendous presence in the bond and other lending markets, today's clean water agencies are sophisticated business enterprises that continue to evolve to ensure their 'sustainability' into the future. At the same time, the federal government, once a major partner in providing funding to ensure communities had the infrastructure necessary to accommodate growth, is now attempting to target its limited funding to upgrading existing infrastructure and passing over projects that might encourage additional growth. Clearly, the business of managing a clean water agency has evolved from the heyday of the construction grants program to the lean times being experienced today during the most severe economic downturn since the Great Depression. An industry financial leader will be joined by an elected official from San Francisco to discuss how utilities have changed, what changes are still needed, and whether we are truly on a path toward infrastructure sustainability.

Ken Rubin*

Managing Partner
PA Consulting Group
Arlington, VA

The Honorable Sophie Maxwell*

San Francisco, CA

Closing Remarks/Announcements

Jeff Theerman*

NACWA President

12:00 – 5:00
*Harding Park
Golf Course*

2010 NACWA OPEN – Golf Tournament

12:15 – 4:30
*Oceanside Plant
San Francisco
Public Utilities*

FACILITY TOUR

Evening

6:30 – 10:00

Tonga Room

40th Anniversary Celebration and Dinner

Promising to be an evening of dinner, dancing, and shared AMSA/NACWA memories with colleagues and friends, our festivities will take place in the island style inspired atmosphere of the Fairmont's Tonga Room. This historic location has delighted guests since 1945.

Friday, July 23

Morning

8:00 – 10:00

Garden Room Foyer

Registration

9:00 – 11:15

Venetian Room

GENERAL SESSION III

Opening Remarks

Jeff Theerman*

NACWA President

INDUSTRY LEADER PERSPECTIVES

Doug Owen*

Vice President and Chief Technology Officer

Malcolm Pirnie, Inc.

White Plains, NY

Featured Speakers

Scale and Scale Up – Resource Recovery Done Right

Craig Criddle*

Professor, Civil and Environmental Engineering

Stanford University

Stanford, CA

Featured Speakers

Lessons from the Bay Area and Beyond

San Francisco Bay, like many of America's Great Waters, is facing numerous water quality challenges. But the Bay's water quality problems only scratch the surface of the array of water and other environmental challenges confronting the western U.S. Often viewed as being on the cutting edge of new regulations and environmental controls, California and the western U.S. are also leading the way on minimizing the environmental impact of their clean water operations. Felicia Marcus, Western Region Director for the Natural Resources Defense Council, who has worked on all sides of this issue, will provide her perspective on the progress made in water quality and resource management and the challenges that lie ahead. Gary Darling, General Manager of the Delta Diablo Sanitation District, will discuss how Bay area agencies are leveraging their collective resources through regional partnerships to make their operations more sustainable.

Moderator

Michele Pla*

Principal

MPLA - Cleanwater Consulting

San Francisco, CA

Featured Speakers

Gary Darling*

General Manager

Delta Diablo Sanitation District

Antioch, CA

Felicia Marcus*

Western Region Director

Natural Resources Defense Council

San Francisco, CA

Closing Remarks/Adjourn

Jeff Theerman*

NACWA President