



*2008 Summer Conference and 38<sup>th</sup> Annual Meeting*

*The Future of Clean Water is Now!  
How Next Generation Issues are Impacting Utilities Today*

*July 15-18, 2008*

*Hilton Anchorage*

*Anchorage, Alaska*

*INTERNAL - NOT FOR DISSEMINATION*

*As of July 7, 2008*

Δ – Board of Directors Committees

\* - Denotes Confirmed Speakers

*Tuesday, July 15*

*Morning*

8:30 – 4:00	Registration
9:00 – 10:00	Strategic Planning Committee Δ
10:15 – 11:15	Finance Committee Δ
11:00 – 12:15	Water Quality Committee

*Afternoon*

1:30 – 2:45	Utility Management Committee
2:15 – 3:00	Membership Committee Δ
3:00 – 4:00	Facility & Collection System Committee
4:15 – 5:15	Biosolids Management Committee
4:00 – 5:00	Clean Water Funding Task Force

*Evening*

5:45 – 7:00                      Registration

6:00 – 7:00                      Welcoming Reception

*Wednesday, July 16*

*Morning*

7:30 – 8:45                      Regulatory Policy Committee

8:00 – 4:00                      Registration

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

*Opening Remarks*

**Chris Westhoff\***

NACWA President (2007-2008)

Assistant City Attorney - Public Works General Counsel

City of Los Angeles

Los Angeles, Calif.

*Welcoming Remarks*

**The Honorable Mark Begich\***

Mayor

Anchorage, Alaska

*Joint Keynote*

**The Case for Sustainable Water Planning**

The future of the world is fraught with water challenges – too much, too little, too contaminated or inaccessible to meet our needs. Many of our expectations about this natural resource may no longer be met in the future. Climate change, compounded by economic and population growth in water scarce areas, is already leading to global shortages. The water sector must mount a coordinated effort to address these challenges and preserve our nation's water resources for future generations. In addition to protecting natural sources, we need to develop new water supplies from seawater, brackish water, and wastewater reuse. Water must be viewed as a valuable resource regardless of its form – 'water' is indeed 'water'. Sustainable water planning efforts, involving all stakeholders, should be accelerated in order to address this looming global water challenge. Dan McCarthy, Water Sector President for Black & Veatch, and Andy Richardson, Chief Executive Officer for Greeley and Hansen will provide their insights on this critical subject.

**Dan McCarthy\***

President and CEO, Global Water Business

Black & Veatch

Kansas City, Mo.

**Andy Richardson\***  
Chief Executive Officer  
Greeley and Hansen  
Phoenix, Ariz.

10:30 – 10:45

BREAK

*Featured Speaker*

**Can the Clean Water Act Be Salvaged?**

NACWA's Strategic Watershed Task Force has been working for the past year to explore the shortcomings of current Clean Water Act implementation and develop recommendations for a viable and vital 21<sup>st</sup> Century clean water policy. The Task Force's recommendations, issued last October to coincide with the 35<sup>th</sup> anniversary of the Clean Water Act, outline a series of short and long-term recommendations for the future. Now the Task Force is exploring whether the Clean Water Act is beyond repair and working to develop what might be the next major environmental law in the U.S. LaJuana Wilcher, a former EPA assistant administrator for water, has been helping to guide the Task Force's work and will provide her perspective on the current Clean Water Act implementation problems, how short-term efforts can leverage existing Clean Water Act authority, and how a new paradigm will be needed to carry clean water into the 21<sup>st</sup> Century.

**LaJuana Wilcher\***  
Partner  
English, Lucas, Priest & Owsley, LLP  
Bowling Green, Ky.

11:15 – 12:00

*Annual Association Business Meeting*  
Report of the President  
Report of the Treasurer  
Election of Directors  
Report of the Executive Director

*Closing Remarks*

**Chris Westhoff\***  
NACWA President

Afternoon

12:15 – 2:00

Board of Directors Meeting

1:30 – 2:00

***Water and Wastewater Leadership Center Information Session***

Learn more about the benefits of attending the *Water and Wastewater Leadership Center's* two-week residential program from alumni who will be available to share their experiences and discuss this unique educational offering.

## GENERAL SESSION I (continued)

### *Opening Remarks*

**Marian Orfeo\***

NACWA President (2008-2009)

Director of Planning & Coordination

Massachusetts Water Resources Authority

Boston, Mass.

### *Panel Presentation*

#### Tomorrow's Challenges...Could this be Déjà vu?

Some of the most daunting next generation challenges are the same issues the clean water community is facing now. Nutrients, pathogens, urban wet weather flows – all of these issues are currently being addressed by the clean water community. But new developments in these areas promise to further fuel the ongoing debates over how best to address them. Is a technology –based approach more appropriate for nutrient reduction? Will a new set of recreational water quality criteria take disinfection requirements to a new level? Panelists will discuss current state efforts to address nutrients using a technology-based approach; EPA's work to develop new bacteria criteria and how that will affect all Clean Water Act clean water agencies; and ongoing efforts to address pollution from urban runoff and sewer overflows.

### Moderator

**Ben Horenstein\***

Vice Chair, Water Quality Committee

Manager, Environmental Services

East Bay Municipal Utility District

Oakland, Calif.

### Panelists

**Mike Tate\***

Chief

Bureau of Water - Technical Services Section

Kansas Department of Health and Environment

Topeka, Kansas

**Adrienne Nemura\***

Vice President

Limno-Tech, Inc.

Ann Arbor, MI

**Michele Plá\***

Executive Director

Bay Area Clean Water Agencies

Oakland, Calif.

### *Panel Presentation*

#### **Current Efforts May Not Hold Water in a Changing Climate**

Efforts to evaluate the sustainability of our environmental practices, especially in the context of climate change, may lead to substantial changes in the way we currently manage water quality issues. As concepts like net environmental benefit and carbon footprinting take hold, new questions are being raised about the sustainability of the current Clean Water Act's mandates. Can new permit requirements, such as nutrient controls, pass the sustainability test? Utilities are looking inward at their own practices and operations and evaluating their impacts on the environment and evaluating how current and planned projects may need to be modified as a result of changing climatic conditions and changing attitudes toward environmental protection.

Panelists will examine whether a case can be made for nutrient controls when the total environmental impact is evaluated; detail new efforts to assess the environmental footprint of a wastewater utility; and explore how we may need to change our current collection system planning efforts to account for new patterns in the global water cycle.

#### **Moderator**

**Norm LeBlanc\***

Vice Chair, NACWA Regulatory Policy Committee  
Director of Water Quality  
Hampton Roads Sanitation District  
Virginia Beach, Va.

#### **Panelists**

**Tom Walsh\***

Engineer-Director/Treasurer  
Upper Blackstone Water Pollution Abatement District  
Millbury, Mass.

**Gordon Garner\***

Vice President-Water Business Group  
CH2M HILL  
Prospect, Ky.

**John Hattle\***

Director Governmental Affairs  
Insituform Technologies, Inc.  
Western Springs, Ill.

#### ***Closing Remarks***

**Norm LeBlanc\***

Vice Chair, NACWA Regulatory Policy Committee

*Evening*

5:00 – 6:15

**Awards Ceremony/Featured Presentation**

Join us in honoring our clean water colleagues with National Environmental Achievement, Peak Performance Awards and outgoing Officers and Board Members. Following the Awards Ceremony, Martin Buser, four-time winner of the Iditarod, will be sledding in to give a short presentation on his experiences. The “Last Great Race on Earth” takes place annually in March, on a course that runs from Anchorage to Nome, with over 100 teams of 12 to 16 dogs and their musher covering more than 1,150 miles in 10 to 17 days in snow, ice, and negative temperatures. The Buser family’s Happy Trails Kennels will also be sending along puppies, future Iditarod champions!

*Featured Presentation*

**For the Love of Dogs**

**Martin Buser\***

4-Time Iditarod Champion

Happy Trails Kennels

Big Lake, Alaska

6:15 – 7:30

President’s Reception

**Thursday, July 17**

*Morning*

7:30 – 8:45

Legislative Policy Committee

8:00 – 12:00

Registration

9:00 – 11:45

**GENERAL SESSION II**

*Opening Remarks*

**Marian Orfeo\***

NACWA President

*Featured Speaker*

**Using Sustainability Factors to Prioritize Water Quality Investments**

Individual communities and clean water agencies face different financial constraints depending on local economic circumstances, but in all cases there is a desire to prioritize spending to address the many competing investment needs in a manner that maximizes benefit. In some cases, this may mean that water quality investments should be deferred in favor of other local environmental investments. The issue of climate change has elevated the importance of taking a broad view of related benefits and costs when evaluating and prioritizing water quality investments. Weighing the potential water quality benefits of a membrane treatment system, for example, against the required increase in energy usage may lead to different investment decisions. Eric Rothstein, Principal with the Galardi Rothstein Group, will discuss how sustainability factors can help prioritize investments and examine what can and cannot be done within the current regulatory framework.

**Eric Rothstein\***  
Principal  
Galardi Rothstein Group  
Chicago, Ill.

*Featured Speaker*

**Sustainable Practices in Wastewater Treatment**

Recently the wastewater industry has begun to view wastewater itself as a renewable resource beyond the energy derived from sludge digestion or the fertilizer and soil conditioners associated with biosolids. Robert Simm, Vice President – Wastewater for Stantec will discuss several sustainability trends in wastewater treatment. These will include the production of a slow release phosphorus fertilizer from treatment residuals, which is receiving considerable attention given current projections regarding the world's supply of phosphate rock; and current practices in effluent heat recovery using similar technology to that used for ground source heat pumps. Mr. Simm will present case studies of actual projects either in design or in operation to illustrate the possibilities and drivers for some of these newer resource recovery initiatives in the wastewater field.

**Robert Simm\***  
Vice President – Wastewater Infrastructure  
Stantec  
Phoenix, AZ

9:45 – 10:00

**BREAK**

*Panel Presentation*

**Tomorrow's Solutions...Utilities Get a Head Start on the Future**

Challenges both new and old will require some creative thinking by clean water agencies. For some utilities, water quality-based requirements are driving the consideration of both technical and green solutions for nutrient reductions, while others are exploring possible changes to the fundamental concepts of centralized wastewater treatment to keep water local. Anticipating future regulatory requirements, utilities are looking to advanced treatment technologies like membrane bioreactors and are overhauling their energy and water resource plans. Panelists will highlight specific examples from around the country where utilities are taking advantage of planned facility upgrades or other major projects to put systems and programs in place to better position them for the future.

**Moderator**

**Thomas Sigmund\***  
Executive Director  
Green Bay Metropolitan Sewerage District  
Green Bay, Wis.

## Panelists

**Clyde Wilber\***  
Principal  
Greeley and Hansen  
Springfield, Va.

**Doug Berschauer\***  
Regional Technology Manager  
CH2M Hill  
Tacoma, Wash.

**Tom Pederson\***  
Senior Vice President – Director of Sustainability  
CDM  
Cambridge, Mass.

**Andy Kricun\***  
Deputy Executive Director, Chief Engineer  
Camden County Municipal Utilities Authority  
Camden, N.J.

**Andy Lukas\***  
Vice President of Infrastructure  
Brown and Caldwell  
Milwaukee, Wis.

## *Closing Remarks/Announcements*

**Marian Orfeo\***  
NACWA President

## *Afternoon*

12:00 – 5:00  
*Moose Run Golf Course*

## **2008 NACWA OPEN – Golf Tournament**

12:00  
*Hotel Lobby*

Meet to board buses for Facility Tour

12:15 – 5:15  
*John M. Asplund  
Wastewater  
Treatment Facility*

## **FACILITY TOUR**

*Evening*  
6:30  
*Hotel Lobby*

Meet for short walk over to Anchorage Museum

6:45 – 8:15  
*Anchorage Museum  
at Rasmuson Center*

Reception



Friday, July 18

*Morning*

7:30 – 8:45

Legal Affairs Committee

8:00 – 10:00

Registration

9:00 – 11:00

### **GENERAL SESSION III**

*Opening Remarks*

**Marian Orfeo\***

NACWA President

*Featured Speaker*

#### **Climate Initiatives and the Water Utility Climate Alliance**

The Water Utility Climate Alliance, formed recently by eight water utilities, Denver Water, the Metropolitan Water District of Southern California, New York City Department of Environmental Protection, Portland Water Bureau, San Diego County Water Authority, the San Francisco Public Utilities Commission, Seattle Public Utilities and the Southern Nevada Water Authority, is setting out to improve our understanding of the effects rising sea levels, droughts and other climate change impacts will have on the long-term supply of drinking water. Paul Fleming, Chair of the Alliance's science committee, will provide an overview of the Alliance, its objectives, and discuss how the Alliance's efforts will impact the entire water sector. Mr. Fleming will also share Seattle Public Utilities' perspective on the issue and detail the planning efforts that utility already has underway in the areas of climate change and the broader issue of sustainability, including work on sustainable/green building issues, solid waste, drainage and wastewater issues.

**Nancy Ahern\***

Deputy Director

Seattle Public Utilities

Seattle, Wash.

*Featured Presentation and Roundtable Discussion*

#### **Testing the Waters for a New Framework**

NACWA's Strategic Watershed Task Force is nearing completion of its work on a new Watershed Act. Building on the Task Force's recommendations from October 2007, the new Act will establish the necessary framework to implement the concept of a true watershed approach. Whether a new Watershed Act can succeed and gain the necessary traction in Washington is complicated and the waters could be further muddied by the November elections and who takes control of Congress and the White House. Following a presentation by the Task Force Chair on the essential elements of the Act, a roundtable of Task Force members and Washington insiders will discuss the likely reception these concepts and other NACWA priority issues will receive at EPA and on Capitol Hill and explore the best strategies for success.

Moderator

**Ken Kirk\***

Executive Director

NACWA

Washington, D.C.

Roundtable Participants

**Charlie Logue\***

Chair, NACWA Strategic Watershed Task Force

Director, Regulatory Affairs Department

Clean Water Services

Hillsboro, Ore.

**Jeff More\***

Principal

The Accord Group

Washington, D.C.

*Closing Remarks/Adjourn*

**Marian Orfeo\***

NACWA President