



2016 Winter Conference

*Back to the Basics . . .*

*Will Compliance Concerns Derail Efforts to Innovate?*

*February 21-24, 2016*

*Westin San Diego*

*San Diego, California*

△ – Board of Directors Committees

*\*All Meeting Rooms are located on the 2<sup>nd</sup> Floor unless otherwise indicated.*

### Sunday, February 21

#### *Morning*

8:30 – 10:15      Executive Committee △

*Boardroom, 3<sup>rd</sup> Floor*

9:30 – 10:30      Registration

*Registration Desk*

10:30 – 2:30      Board of Directors Meeting △

*Crystal Ballroom I*

#### *Afternoon*

2:15 – 4:00      Registration

*Registration Desk*

2:45 – 4:15      Water Quality Committee

*Emerald Ballroom*

The Water Quality Committee will discuss the latest developments on the human health criteria front and how concerns over subsistence fishing are driving criteria values to unachievable levels. Nutrient related issues, including a potential new EPA program to encourage voluntary nutrient reductions at clean water utilities will be discussed, along with updates on NACWA's work to engage EPA on its permit writers training course. The Committee will also discuss the independent review it commissioned on the use of coliphage as an indicator for recreational waters.

4:15 – 5:15                      Awards Committee Δ  
*The Bar, Lobby Level*

*Evening*

5:00 – 6:00                      Registration

*Diamond Foyer*

5:30 – 6:30                      Welcoming Reception  
*Diamond*

6:45 – 9:00                      Women's Water Network Dinner  
*Chianti Restaurant*  
*644 5<sup>th</sup> Ave.*

**Monday, February 22**

*Morning*

8:30 – 4:00                      Registration

*Registration Desk*

9:00 – 10:00                      Spouse & Guest Lounge  
*Ivory Room, 3<sup>rd</sup> Floor*

9:00 – 10:30                      Utility & Resource Management Committee  
*Emerald Ballroom*  
*(Includes topics from Biosolids and Climate & Resiliency Committees)*  
The Utility and Resource Management Committee will hear presentations from three speakers on converting biosolids into diesel fuel, implementation of ISO 14001 at a NACWA Member Agency and the Alliance for Water Efficiency's Financing Sustainable Water Initiative. The Committee will also be briefed on the effort to update the Effective Utility Management (EUM) attributes and NACWA's recent involvement with the American Water Summit.

*Featured Speakers:*

**Steve Wirtel\***

Executive Vice President, Business Development  
KORE Infrastructure  
Phoenix, AZ

**Mike Slevin\***

Environmental Services Director  
City of Tacoma  
Tacoma, WA

**Mary Ann Dickinson\***

President & Chief Executive Officer  
Alliance for Water Efficiency  
Chicago, IL

10:45 – 11:45  
Emerald Ballroom

#### Legal Affairs Committee

Discussion at the Legal Affairs Committee meeting will focus on legal developments related to regulating discharges to groundwater via the conduit theory. Shawn Hagerty, a partner with Best Best & Krieger, will address a recent decision from a federal district court applying this theory of liability. The court's decision, which has been appealed to the Ninth Circuit, could have far reaching implications, suggesting that any source that may release pollutants to groundwater that is hydrologically connected to navigable waters could require a National Pollutant Discharge Elimination System (NPDES) permit. After the presentation, the committee will engage in discussion about the issue. Additionally, the committee will receive an update on key NACWA litigation activities and important upcoming NACWA legal events, including a brief presentation by Karen Hansen, a Principal with Beveridge & Diamond, on the Mississippi River Basin litigation on federal numeric nutrient criteria.

#### *Featured Speakers:*

##### **Shawn Hagerty\***

Partner  
Best, Best & Krieger LLP  
San Diego, CA

##### **Karen Hansen\***

Principal  
Beveridge & Diamond, P.C.  
Austin, TX

*Afternoon*  
2:15 – 3:30  
Emerald Ballroom

#### Facility & Collection Systems Committee

The Facility and Collection Systems Committee will begin with a presentation on the rehabilitation of sewer laterals. Blending will then be discussed, including updates on litigation and on EPA's recently published compendium of blending data, followed by a discussion of NACWA's next steps. The committee will then discuss integrated planning and affordability, as well as the combined sewer overflow (CSO) notification requirements that EPA is developing for Great Lakes dischargers, which may have nationwide implications. Finally, developments in the world of flushable wipes will be discussed.

#### *Featured Speakers:*

##### **Bruce Tobey\***

Partner  
Pannone Lopes Devereaux & West LLC  
Providence, RI

##### **Bevin Beaudet\***

President  
Bevin A. Beaudet, P.E., LLC  
West Palm Beach, FL

2:30 – 3:30

#### Communications & Public Affairs Committee

*Diamond Room II*

Join the Communications and Public Affairs Committee for the first in person meeting of the year. This time, the Committee will be discussing the results of the Committee's Communications Program Survey and NACWA's Communications Audit. We will also be joined by John Ruetten who will be discussing how utilities can better manage their brand through communication efforts. We will conclude the meeting with a discussion on the Committee's goals and future projects.

*Featured Speaker:*

**John Ruetten\***  
President  
Resource Trends, Inc.  
Escondido, CA

3:45 – 4:45

*Emerald Ballroom*

Stormwater Management Committee

*Featured Speaker:*

**Deborah Nagle\***  
Director, Water Permits Division  
U.S. Environmental Protection Agency  
Washington, DC

*Evening*

6:00 – 7:30

*Crystal Ballroom*

National Environmental Achievement Awards Ceremony & Reception

**Tuesday, February 23**

7:30 – 9:00

*Topaz Room*

GM Forum

*For Utility Executives Only*

8:30 – 3:00

*Registration Desk*

Registration

9:00 – 10:00

*Ivory Room, 3<sup>rd</sup> Floor*

Spouse & Guest Lounge

9:00 – 12:00

*Crystal Ballroom*

**PLENARY SESSION I**

*Opening Remarks*

**Adel Hagekhalil\***  
*NACWA President*  
Assistant Director  
City of Los Angeles – LA Sanitation  
Los Angeles, CA

*Welcoming Remarks*

**Halla Razak\***  
Director of Public Utilities  
City of San Diego Public Utilities  
San Diego, CA

*Roundtable Discussion*

**Envisioning the Clean Water Act of the Future**

While some debate whether the Clean Water Act needs to be updated, few will argue that the Act, despite its successes, is no longer keeping pace with today's water quality challenges. Roundtable participants will discuss what tools we need for the future and whether we can get the job done within the current boundaries of the statute.

*Facilitator:*

**Adel Hagekhalil\***  
*NACWA President*

*Roundtable Participants:*

**Felicia Marcus\***  
Chair  
California State Water Resources Control Board  
Sacramento, CA

**Diane Taniguchi-Dennis\***  
*NACWA Board Member*  
Deputy General Manager  
Clean Water Services  
Hillsboro, OR

**Angela Licata\***  
*Regulatory Vice Chair, NACWA Legislative & Regulatory Policy Committee*  
Deputy Commissioner of Sustainability  
New York City Department of Environmental Protection  
Flushing, NY

**Jeff Odefey\***  
Director, Clean Water Supply Programs  
American Rivers  
Berkley, CA

10:30 – 10:45

BREAK

*Roundtable Discussion*

**Non-Regulatory Drivers Shaping the Resilient Utility**

While regulations continue to drive water sector investment and innovation, external drivers are doing the same, sometimes at a faster pace. Drought in the West and less predictable precipitation patterns nationwide are two such drivers. Not surprisingly,

utilities are out in front working on solutions. Roundtable participants will highlight recent examples of the resilient utility.

*Moderator:*

**Jayne Strommer\***

*Chair, NACWA Water Reuse Workgroup*

Government Affairs Manager

Delta Diablo

Antioch, CA

*Panelists:*

**Halla Razak\***

Director of Public Utilities

City of San Diego Public Utilities

San Diego, CA

**Doug Owen\***

Executive Vice President & Chief Technical Officer

Arcadis U.S., Inc.

Carlsbad, CA

**Robert Bailey\***

Executive Vice President, City/Urban Solutions

CH2M

Orlando, FL

*Closing Keynote*

Redefining Conservation through Data, Information

Joe Whitworth, Executive Director of The Freshwater Trust, will close out the morning and set the stage for the afternoon General Session with a discussion of the growing volume of environmental data and information and how it can be better utilized, as outlined in his new book *Quantified – Redefining Conservation for the Next Economy*.

**Joe Whitworth\***

Author, *Quantified – Redefining Conservation for the Next Economy*

President

The Freshwater Trust

Portland, OR

*Closing Remarks*

**Adel Hagekhalil\***

*NACWA President*

*Afternoon*

1:30 – 3:30

*Crystal Ballroom*

**PLENARY SESSION II**

*Opening Remarks*

**Adel Hagekhalil\***

*NACWA President*

### *Roundtable Discussion*

#### **The Smart Utility and the Promise of Big Data**

Thought leaders, technology solution providers, utility representatives and other key stakeholders will share their experiences and lessons learned in collecting and using data and information on all aspects of the clean water utility enterprise and the environment. Following several introductory presentations, roundtable participants will discuss the pros, cons, and barriers to broader adoption of smart utility approaches.

### *Introductory Remarks*

#### *What is the Smart Utility/Big Data Issue?*

##### **Paul Freedman**

President & Chief Executive Officer  
LimnoTech  
Ann Arbor, MI

### *Utility Case Studies*

City of South Bend, IN

##### **Eric Horvath**

Director of Public Works  
City of South Bend  
South Bend, IN

##### **Tim Braun**

Enterprise Architect  
EmNet, LLC  
South Bend, IN

DC Water, DC

##### **Biju George**

Chief Operating Officer  
DC Water  
Washington, DC

#### *U.S. Environmental Protection Agency Perspective*

##### **Andrew Sawyers**

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

#### *What Does the Future Hold?*

##### **David Goldwater**

Vice President  
MWH Global, Inc.  
Indianapolis, IN

##### **Pete Perciavalle**

Vice President – Director of Intelligent Platforms  
MWH Global, Inc.  
Irvine, CA

*Facilitated Discussion*

**Closing Remarks**

**Adel Hagekhalil\***

*NACWA President*

3:45 – 5:00

*Emerald Ballroom*

**Legislative & Regulatory Policy Committee**

The Committee meeting will focus on three topics of discussion with guest speaker Andrew Sawyers, Director of EPA's Office of Wastewater Management – the regulatory status of recovered resources, exploring the potential for partnerships among large and small utilities, and increasing interest in and use of the Clean Water State Revolving Fund (CWSRF) loan program. In addition, Alex Dunn, Executive Director and General Counsel for the Environmental Council of the States will provide her perspectives on innovative uses of the SRFs.

*Featured Speakers:*

**Andrew Sawyers\***

Director

Office of Wastewater Management

U.S. Environmental Protection Agency

Washington, DC

**Alexandra Dapolito Dunn\***

Executive Director and General Counsel

Environmental Council of the States

Washington, DC

*Evening*

6:00 – 7:00

*Pool Deck, 3<sup>rd</sup> Floor*

Reception

**Wednesday, February 24**

*Morning*

8:30 – 10:00

*Registration Desk*

Registration

9:00 – 12:00

*Crystal Ballroom*

**PLENARY SESSION III**

*Opening Remarks*

**Adel Hagekhalil\***

Assistant Director

City of Los Angeles – LA Sanitation

Los Angeles, CA



**Eileen O'Neill\***  
Executive Director  
Water Environment Federation  
Alexandria, VA

**David LaFrance\***  
Chief Executive Officer  
American Water Works Association  
Denver, CO

*Opening Keynote*

**Joel Beauvais\***  
Deputy Assistant Administrator  
Office of Water  
U.S. Environmental Protection Agency

*Panel Discussion*

*Water Quality-Based Requirements Pushing Utilities to the Technological, Financial and Legal Brink*

Innovation and smart utility management are hot topics in the water sector, but environmental compliance is still the top priority. Armed with the core elements of the Clean Water Act – water quality based effluent limits (WQBELS) and total maximum daily loads (TMDLs) – regulators continue to impose increasingly strict requirements, often pushing utilities to the brink of technological capability. Utilities facing these costly or even unachievable requirements will discuss the steps they are taking to tackle these daunting challenges.

*Moderator*

**Robbin Finch\***  
Water Quality Environmental Program Manager  
City of Boise  
Boise, ID

*Panelists*

**Kate Harris\***  
Environmental Coordinator  
City of Boise  
Boise, ID

**Hampik Dekermenjian\***  
Senior Vice President  
CDM Smith  
Los Angeles, CA

**Trent Stober\***  
Vice President  
HDR Engineering, Inc.  
Columbia, MO

*Featured Speaker*

**More Focused, Cost-Effective Watershed Management Strategies through Innovation and Technology**

With ever more stringent environmental requirements driving billion dollar improvement programs, it is paramount that the money invested into watershed projects drives tangible benefits to the watershed and receiving stream health. James Schlaman, Director of Water Resources for Black & Veatch, will highlight how technology, innovation, and state-of-the art biological techniques are changing the paradigm of watershed health management.

**James Schlaman\***  
Director of Water Resources  
Black & Veatch  
Kansas City, MO

*Featured Speaker*

**Carrying the Flag for the Utility of the Future**

The Encina Wastewater Authority in Carlsbad, California continues to embrace the principles of the Utility of the Future with innovative work across the utility enterprise. Kevin Hardy, General Manager, will discuss Encina's unified 'Pure' brand platform: the PureGreen Biosolids Marketing initiative; its PureEnergy work, including public-private collaboration and design-build delivery of an alternative fuel receiving facility; and its PureKnowledge engagement with other utilities to provide training and technical assistance.

**Kevin Hardy\***  
General Manager  
Encina Wastewater Authority  
Carlsbad, CA

*Closing Remarks/Adjourn*

**Adel Hagekhalil\***  
*NACWA President*