



Venue: Almas Temple Club, Washington DC

Tuesday, June 8, 2010
SUMMIT DAY ONE

Confronting Water Stress: New Policies, Prices, and Supply Factors

8:30-8:35 Welcome and Introduction by the Summit Chair
Wes Strickland, *Shareholder*, Brownstein Hyatt Farber Schreck

8:35-9:30 *WaterVision Thought Leadership:*
Towards A National Water Master Plan
Some countries already have a national water master plan in place. As yet, the USA does not. Given the extreme complexity of US water systems and regulations, what would such a plan look like? Through what kind of process might it be developed? How will the variety of conflicting stakeholder groups be given their say?

Moderator:
David L. Bernhardt, *Shareholder*, Brownstein Hyatt Farber Schreck

Panelists:
Deanna Archuleta, *Deputy Assistant Secretary, Office of Water and Science*, US Department of the Interior
Ken Kirk, *President*, Clean Water America Alliance

9:30-10:45 **Water Infrastructure Funding**
The future supply and cost of water services depends heavily on financing for an aging US water infrastructure. This panel will review different proposed solutions to the “funding gap,” encompassing:
»» Full cost recovery pricing of water services
»» New federal funding initiatives such as the Water Trust Fund and the Infrastructure Bank
»» Water Private Activity Bonds

- »» Property Assessed Clean Energy (PACE) Bond programs for commercial and residential retrofits
- »» The City/County and Private Equity Sharing Corporation (CAPES) Special Purpose Vehicle model
- »» Project finance models
- »» ARRA funds
- »» State Revolving Funds
- »» Philadelphia's innovative stormwater discharge pricing model and fund

Moderator:

Kathy Shandling, *Executive Director*,
International Private Water Association (IPWA)

Panelists:

Michael Deane, *Executive Director*, National Association of Water Companies (NAWC)

Joseph Manko, *Chairman*, PA Infrastructure Investment Authority (PENNVEST)

John Rossi, *General Manager*, Western Municipal Water District

Chris Ruffa, *Managing Director and Head of Infrastructure Project Finance*, BNP Paribas

Richard Splete, *Senior Consultant*, MWH Americas

10:45-11:15 Networking Break

11:15-12:00 **Water Rights**

While water rights have always existed in the West, current drought conditions are driving more active exchanges of water rights, possibly even leading to the formation of some kind of water rights market mechanism. Mr. Landry is one of the foremost authorities on water rights, and will survey developments around the world, and particularly in the Southwestern USA.

Clay Landry, *Managing Director*, WestWater Research LLC

12:00-1:30 **Group Luncheon**

Keynote Address: Obama Administration Initiatives

How will current and forthcoming policies from the Obama Administration affect corporate water use, the municipal water infrastructure and services sector more broadly? A Washington DC Obama Administration official will spell out a long-range vision for policy innovation in water.

Peter S. Silva, *Assistant Administrator for Water*, US Environmental Protection Agency

1:30-2:30 **Water Risk, Markets and Shareholder Value**

This panel will provide insights from the investment and international finance community on how they are seeing water as a macro-driver of changes to corporate practice and bottom lines. The panel will also address implications of the SEC's recent guidance mandating corporate disclosure of climate-related water risk.

Moderator:

William Malarkey, *Managing Director*, Boenning & Scattergood, Inc.

Panelists:

Brooke Barton, *Senior Manager, Corporate Programs*, CERES

Audrey Davenport, *Project Manager, KKR Green Portfolio Project*, Environmental Defense Fund

Mike Kerlin, *Consultant*, McKinsey & Co. Inc.

Piet Klop, *Acting Director, Markets & Enterprise Program*, World Resources Institute

Nigel Topping, *Chief Development Officer*, Carbon Disclosure Project

2:30-3:00 Networking Break

3:00-4:00 **Sustainability Leaders I: Managing Water Stress**

This panel of Environmental and Sustainability Champions will discuss how they are framing water issues in their respective decision-making processes. They will discuss best practices they have implemented within their own organization, types of accounting and reporting tools and methods they have found of most value, and the institutional innovations needed to minimize water risk and maximize 'water opportunities.'

Moderator:

Mark Lambert, *Managing Partner*, Water Industry Solutions

Panelists:

Doug Berven, *Director of Corporate Affairs*, POET

James Fuschetti, *Managing Director, Office of Environmental Affairs*, JPMorgan Chase & Co.

Tim Mann, *Manager, Environmental Policy and Programs - Corporate Environmental Affairs*, IBM

Dawn Rittenhouse, *Director of Sustainable Development*, DuPont

Joe Rozza, P.E., BCEE, *Global Water Resource Sustainability Manager*, The Coca Cola Company

4:00-5:00 **Sustainability Leaders II: Assessing Water Reuse and Other Innovative Water Solutions**

This panel of corporate technology decision-makers will survey the current developments in desalination and water reuse in North America. They will explore the cost/benefit proposition of different reuse solutions,

experiences and lessons learned, the role of reclaimed water standards, the energy penalty of some new technologies, as well as the energy generation potential of other innovative wastewater solutions. The discussion will provide an expert, nuanced introduction to the high-level considerations corporate managers will face when thinking about implementing such advanced water systems within their own operations.

Moderator:

Khalil Maalouf, *Managing Director*, XPV Capital Corporation

Panelists:

Maurice Bechard, *Vice President Global EHS*, Diversey, Inc.; *Chair*, Global Environmental Management Initiative (GEMI)

Paul Gagliardo, M.P.H., P.E., *Manager - Innovation Development*, American Water

Jack Mowreader, *Water Business Leader*, Arup

Manian Ramesh, Ph.D., *CTO*, Nalco Company

Rishi Shukla, Ph.D., *Global Technology Leader*, *James R. Randall Research Center*, Archer Daniels Midland Company

Wednesday, June 9, 2010

SUMMIT DAY TWO

Water Innovation: Thought Leadership and Case Studies

9:00-9:30

Multi-Year Drought in Australia: Lessons Learned

Australia may qualify as the “poster child” for drought shock in the developed world. The decade-long drought has had catastrophic effects on Australian agriculture, myriad direct, and ‘knock-on effects’ on all other parts of the Australian economy. In response, most major Australian cities already have, or are in the process of, installing desalination plants and mandating other types of water reuse. Graywater and rainwater use are common, and water-efficient appliances are the norm in new homes and businesses. Australia provides a glimpse of what the future may look like for water technology and business.

Hu Fleming, *Global Director*, Hatch Water

9:30-10:00

WaterVision Thought Leadership:

Sustainable Water Systems in the Masdar Eco-City Project

Eight miles from Dubai in the United Arab Emirates, a city-sized R&D park is being designed from the bottom up by a consortium of UAE financiers, in conjunction with western organizations such as CH2MHill, MIT and GE. The project is a “designed from first principles” eco-city, adapted to the ecology and cultural traditions of the region and incorporating the most advanced sustainability technologies and practices.

Water will be both a prominent visual theme and a key area of innovative technology application. This presentation will survey the many visionary, integrated uses of water that will be implemented over the coming years in Masdar.

Jay R. Witherspoon, BCEE, *Operations and Technology Director*, CH2M HILL International, Masdar Development (ADFEC)

10:00-10:30 Networking Break

10:30-11:15 *WaterVision Thought Leadership:*

Steps Toward a National Reclaimed Water Standard

Onsite water reclaim provides dramatic benefits in water, energy and waste savings. The technology, as well as necessary oversight practices, are well established. At present, a complex patchwork of standards and requirements separate permits for each installation, making state-of-the-art onsite water reclaim systems too expensive for most applications. A national prescriptive standard for water quality in onsite water reclaim could make one of the country's greatest challenges into a significant new global industry and a source of economic growth. This panel will discuss the latest onsite water reclaim solutions and the risks and benefits of a national prescriptive standards for their operation.

Moderator:

Laura Shenkar, *Principal*, The Artemis Project

Panelists:

Todd Danielson, *Decentralized Research Advisory Committee (DRAC)*, Water Environment Research Foundation (WERF)

David Din, *CEO*, Epuramat S.A.

Jon Freedman, *Global Government Relations Leader*, GE

11:15-12:30 **Group Luncheon**

Corporate Case Studies

This session will provide in-depth stories of how leaders from the food and beverage, electronics manufacturing and biofuels sectors have successfully reduced their own water use and discharge requirements. Presenters will describe the management drivers behind current policy and innovation, new approaches to process engineering, experience with implementing new technologies, lessons learned, and future plans.

12:30-1:00 **Case Study: Miller Coors**

Kim Marotta, *Vice President of Corporate Social Responsibility*, MillerCoors

- 1:00-1:30 **Case Study: Intel**
Tom Cooper, *Corporate Water Programs Manager*, Intel Corporation
- 1:30-1:45 Afternoon Networking Break
- 1:45-2:15 **Case Study: Mars, Incorporated**
Michael D. Fernandez, Ph.D., *Director of Public Policy and Global Partnerships*, Mars, Incorporated
- 2:15-2:45 **Case Study: Weyerhaeuser Company**
Shari Brown, *Director, Environment, EHS & Sustainability*,
Weyerhaeuser Company
- 2:45-3:15 **Case Study: Dairy and the product: Carbery Milk Products /
Dubliner Cheese**
Paul O'Callaghan, *CEO*, O2 Environmental Inc.
- 3:15 Summit Adjourns