



## 2012 National Pretreatment and Pollution Prevention Workshop

### *Pretreatment and the Utility of the Future: Where We Are Going and Where We Have Been*

May 9-11, 2012  
Hilton Pensacola Beach Gulf Front Hotel  
Pensacola Beach, Florida

#### Wednesday, May 9

##### *Morning*

8:00 – 4:00                      Registration

*Royal Palm Foyer*

9:00 – 3:15

*Royal Palm Ballroom*

*Salon B & C*

#### **GENERAL SESSION I**

##### *Opening Remarks*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Regulatory Compliance Officer*

*Metro Wastewater Reclamation District*

*Denver, CO*

##### *Welcoming Remarks*

Buck Lee

*Executive Director*

*Santa Rosa Island Authority*

*Pensacola Beach, FL*

##### *Keynote*

#### **Perspectives on 30 Years of Pretreatment**

Beginning with running a local pretreatment program, then moving to EPA, Jeff Lape has a long history with the National Pretreatment Program and other clean water programs. Mr. Lape is invited to provide his perspectives on the history of the pretreatment program, its importance within the overall regulatory structure for protecting water quality, and its role in the future as utilities move beyond simply treating wastewater to recovering resources through water reuse and beneficial use of biosolids.

Jeff Lape  
Deputy Director  
Office of Science and Technology  
Office of Water  
U.S. Environmental Protection Agency  
Washington, D.C.

*Featured Speaker*

**Pretreatment Past, Present, and Future**

NACWA has been involved with the National Pretreatment Program since the beginning of the program and continues to recognize the significance of the pretreatment program, particularly as NACWA examines the role of the program in its “2020 Vision for the Water Resources Utility of the Future.” Ken Kirk, NACWA’s Executive Director, will provide his experiences with the early days of the Association’s involvement with pretreatment, highlighting how far utilities have progressed with this essential work.

Ken Kirk  
Executive Director  
National Association of Clean Water Agencies  
Washington, D.C.

10:15 – 10:30

Break

*Panel Presentation –*

**National Pretreatment Program Update**

U.S. Environmental Protection Agency (EPA) Headquarters staff will update Workshop attendees on several national issues affecting the pretreatment program. The dental amalgam separator rule was expected to be released last year, but has stalled. EPA will provide their outlook on the possible outcome of this proposal, which would likely affect every local pretreatment program if implemented. The current Effluent Limitation Guidelines Program plan will also be discussed.

*Moderator:*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Panelists:*

Jan Marie Pickrel  
National Pretreatment Team Coordinator  
Water Permits Division  
Office of Wastewater Management  
Office of Water  
U.S. Environmental Protection Agency  
Washington, D.C.

Jeff Lape  
U.S. Environmental Protection Agency

*Afternoon*

11:45 – 1:00

Lunch (on your own)

1:15 – 3:15

*Royal Palm Ballroom  
Salon B & C*

**GENERAL SESSION I (continued)**

*Opening Remarks*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Panel Presentation –*

**The End is Near: Pretreatment for Funeral Homes and Cremations**

Originally developed in Europe to dispose of cows infected with mad-cow disease, “bio-cremation” is now being marketed as an environmentally-friendly alternative to traditional burial or cremation for humans. Manufacturers of the cremation equipment are seeking legalization by the states, but the safety of bio-cremation waste disposal for sewer systems is being debated. Disposal issues may also exist for traditional wastes from funeral homes, such as embalming fluids. Panelists will discuss the issues involved with bio-cremation and funeral homes and potential solutions.

*Moderator:*

Celeste Schlegel  
Source Control Investigator  
Clean Water Services  
Hillsboro, OR

*Panelists:*

Carol Green  
Outside Environmental Compliance Counsel,  
National Funeral Directors Association  
Law Offices of Carol Lynn Green  
Bethesda, MD

Paul Zimmerman  
Industrial Pretreatment Coordinator  
City of St. Petersburg  
St. Petersburg, FL

*Panel Presentation –*

**Law and Order, Pretreatment Division**

While criminal proceedings for pretreatment issues are rare, the work of the pretreatment investigator is vital to making any type of case stick. As experience has shown, documentation and hard work are necessary to ensure the POTW has the evidence it needs to take action against an industrial user. Panelists will discuss several case studies where vigilant pretreatment

professionals played vital roles, including in a case of a long-time heavy metal discharger where coordination between local, state, and federal agencies has been important in investigating and taking action against the discharger.

*Moderator:*

James Baginski  
Regulatory Control Branch Head  
City and County of Honolulu  
Honolulu, HI

*Panelists:*

Chandra Johannesson  
Environmental Services Division Supervisor  
East Bay Municipal Utility District  
Oakland, CA

David Snyder  
Industrial Waste Section Head  
Los Angeles County Sanitation Districts  
Whittier, CA

*Announcements*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

3:30 – 5:00

*Royal Palm Ballroom  
Salon D, E & F*

**EPA Regional Roundtable Discussions**

The Regional Roundtable session provides an opportunity for EPA, state, and municipal workshop participants to discuss priority issues in each EPA Region. Regional EPA officials will be on hand to take your questions.

*Region 1*

Justin Pimpare  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 1  
Boston, MA

Kerry Britt  
Pretreatment Manager  
Narragansett Bay Commission  
Providence, RI

*Region 2*

Virginia Wong  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 2  
New York, NY

Christine Gasparine  
Industrial Pretreatment Operations Manager  
Hanover Sewerage Authority  
Whippany, NJ

*Region 3*

Ron Johnson  
Chief of Pretreatment & Pollution Prevention  
Hampton Roads Sanitation District  
Virginia Beach, VA

*Region 4*

David Phillips  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 4  
Atlanta, GA

Jon van Hoff  
Industrial Pretreatment Coordinator  
Metropolitan Sewerage District of Buncombe County  
Asheville, NC

*Region 5*

Ralph Erickson  
Pretreatment Coordinator  
Madison Metropolitan Sewerage District  
Madison, WI

*Region 6 & 7*

Paul Marshall  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 7  
Kansas City, KS

Doug Mendoza  
Metropolitan St. Louis Sewer District  
Industrial Pretreatment Manager  
St. Louis, MO

*Region 8*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Region 9*

Keith Silva  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 9  
San Francisco, CA

Paul Schmidtbauer  
Industrial Waste Administrator  
South Orange County Wastewater Authority  
Dana Point, CA

*Region 10*

Miguel Santana  
Environmental Manager  
City of Portland Bureau of Environmental Services  
Portland, OR

*Evening*

6:00 – 7:00

Reception

*Emerald Coast*

**Thursday, May 10**

*Morning*

8:30 – 4:00

Registration

*Royal Palm Foyer*

9:00 – 4:00

**GENERAL SESSION II**

*Royal Palm Ballroom*

*Opening Remarks*

*Salon B & C*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Welcoming Remarks*

Larry Walker

Board Member

Emerald Coast Utilities Authority

Pensacola, FL

**Pretreatment Issues Roundtable Discussions**

This session will provide an opportunity for Workshop participants to network with other pretreatment professionals and discuss issues affecting their programs.

10:00 – 10:15

Break

*Panel Discussion*

**What's the Fracking Problem? Solutions for Hydraulic Fracturing Wastewater**

The hydraulic fracturing ("fracking") process for natural gas recovery and its possible impacts on water quality continue to be a focus of EPA, Congress, the media, and the public. As a result, the latest effluent guidelines plan includes plans to study the fracking industry, which may lead to development of effluent guidelines and pretreatment standards for fracking wastewater. This panel will provide information on the wastewater generated by fracking and treatment

options. EPA will discuss their plan for the effluent guidelines study and possible implications for pretreatment programs.

*Moderator:*

Maurice Akech  
Assistant Manager, Pretreatment Operations  
Pretreatment and Laboratory Services Division  
Water Utilities Department, City of Dallas  
Dallas, TX

*Panelists:*

Tom Grimshaw  
Research Fellow  
Energy Institute, The University of Texas at Austin  
Austin, TX

John Sheehan  
Member  
Clark Hill PLC  
Washington, D.C.

Jeff Lape  
U.S. Environmental Protection Agency

Jan Marie Pickrel  
U.S. Environmental Protection Agency

11:45 – 1:00

Lunch (on your own)

1:15 – 4:00

**GENERAL SESSION II (continued)**

*Opening Remarks*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Panel Discussion*

**Local Limits and Beyond**

Developing and enforcing local limits is an ongoing challenge for pretreatment programs, with potential needs for re-evaluating older local limits, providing technical justification for changing local limits, and establishing local limits for unusual or emerging pollutants. Case studies of how different pretreatment programs have dealt with these challenges will be presented. In addition, the impact of Oregon's strict human health water quality standards is having on National Pollutant Discharge Elimination System (NPDES) permit renewals will be explained, along with the apparent expansion of this type of strict permitting to other states.

*Moderator/Panelist:*

Curtis Barton  
Source Control Coordinator  
Water Environment Services of Clackamas County  
Oregon City, OR

*Panelists:*

Guy Locker  
Senior Engineer  
Constantine Engineering Inc.  
Birmingham, AL

Paul Schmidtbauer  
South Orange County Wastewater Authority

*Panel Presentation –*

**Some of These Things Do Not Belong... What Else Gets Flushed**

Although the sewer system and wastewater treatment are designed to convey and treat only sewage, other products are often flushed or disposed of down-the-drain, leading to problems that can be expensive and time-consuming for utilities to fix. This panel will focus on products such as “flushable” wipes and fats, oils, and greases, providing updates on the latest research, public education strategies, and technical solutions for dealing with these problems.

*Moderator/Panelist:*

Clayton Brown  
Source Control Manager  
Clean Water Services  
Hillsboro, OR

*Panelists:*

Gabe Brown  
Environmental Program Development Specialist  
Emerald Coast Utilities Authority  
Pensacola, FL

Rob Villée  
Executive Director  
Plainfield Area Regional Sewerage Authority  
Middlesex, NJ

*Announcements*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

4:15 – 5:45  
*Royal Palm Ballroom  
Salon D, E, & F*

NACWA Pretreatment and Pollution Prevention Committee Meeting



*Evening*

6:00 – 7:00

*Pergola/Poolside*

Reception

## **Friday, May 11**

*Morning*

8:30 – 10:30

*Royal Palm Foyer*

Registration

9:00 – 11:15

*Royal Palm Ballroom*

*Salon B & C*

### **GENERAL SESSION III**

*Opening Remarks*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

#### *Panel Discussion*

**When a New Industry Moves In, What Does it Mean for Pretreatment?**

New industries have the potential to create new issues for pretreatment professionals. This panel will take a close look at several industries that may be expanding in the near future – such as biodiesel production, microbreweries, and photovoltaic industries – and that more pretreatment programs might be dealing with in their service areas. The discussion will include the things to look out for when one of these industries locates to your area and how pretreatment programs have already dealt with these types of industries.

#### *Moderator/Panelist:*

Miguel Santana

Environmental Manager

City of Portland Bureau of Environmental Services

Portland, OR

#### *Panelists:*

Richard Lulla

Senior Associate

Hatch Mott MacDonald, LLC

Millburn, NJ

Frank Dick

Industrial Pretreatment Coordinator

City of Vancouver – Engineering Services

Vancouver, WA

#### *Roundtable Discussion*

**Peer to Peer: The Stories We Can Tell**

After 30 years of the pretreatment program being in place, many experienced pretreatment professionals are retiring and are trying to pass along their years of on-the-job knowledge to those new to the profession. This roundtable

discussion will allow newer pretreatment professionals to learn from more experienced professionals as they tell about their success stories, their horror stories, and the things they wish they had known at the beginning of their careers. Roundtable members look forward to audience questions and an active discussion.

*Moderator:*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Panelists:*

James Baginski

City and County of Honolulu

Clayton Brown

Clean Water Services

Ron Johnson

Hampton Roads Sanitation District

Paul Schmidtbauer

South Orange County Wastewater Authority

*Closing Remarks*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*