



2006 National Pretreatment and Pollution Prevention Workshop

*Preparing Today's Pretreatment Professional  
for the Demands of Tomorrow*

*October 4-6, 2006*

*Royal Sonesta*

*New Orleans, Louisiana*

\* - Denotes Confirmed Speaker

*Wednesday, October 4*

*Morning*

8:00 – 4:00

Registration

8:45 – 12:00

**GENERAL SESSION I**

*Opening Remarks*

Dick Champion\*

NACWA President

Director

Independence Water Pollution Control Department

Independence, Missouri

*Welcoming Remarks*

Marcia St. Martin\*

Director

Sewerage & Water Board of New Orleans

New Orleans, LA

*Keynote Address*

Myron Knudson\*

Senior Policy Advisor

U.S. Environmental Protection Agency, Region 6

Dallas, TX

9:45 – 10:45

*Roundtable –*

*National Pretreatment Program Update*

EPA, state, and municipal experts will update Workshop attendees on several national issues affecting the pretreatment program, including work to evaluate the need for Effluent Limitation Guidelines for drinking water treatment residuals and airport deicing wastes; work to evaluate the need for other new guidelines, possibly for hospitals and dental clinics; a rulemaking to expand the pollutants eligible for removal credits; and other relevant water quality issues.

*Moderator:*

Martie Groome\*  
Vice-Chair, NACWA Pretreatment and Pollution Prevention Committee  
Lab. & Ind. Waste Supervisor  
City of Greensboro Water Resources Department  
Greensboro, NC

*Roundtable Participants:*

Mary Smith\*  
Director, Engineering and Analysis Division  
Office of Science and Technology  
Office of Water  
U.S. Environmental Protection Agency  
Washington, DC

Deborah Nagle\*  
Chief, Industrial Branch  
Office of Wastewater Management  
Office of Water  
U.S. Environmental Protection Agency  
Washington, DC

David Knight\*  
Pretreatment Program Coordinator  
Washington Department of Ecology  
Olympia, WA

10:45 – 11:00      Break

11:00 – 12:00      *Panel Discussion –  
Meeting the Future Data Needs of the National Pretreatment Program*  
EPA's Office of Science and Technology has embarked on a new effort to characterize the influent, effluent, and solids makeup of today's POTW. The study will sample a handful of facilities around the country, but its list of analytes is much longer than just the priority pollutants and includes a long list of emerging contaminants. The POTW community continues to encourage EPA to expand this sampling effort to encompass more POTWs in the hopes that the decades-old 50 POTW Study might be updated with new data. EPA experts will describe their recent initiative and municipal representatives will outline its efforts to update the 50 POTW study. In addition, updates on several ongoing initiatives related to clean water analytical methods will also be provided.

*Moderator/Speaker:*

Martie Groome\*  
Vice-Chair, NACWA Pretreatment and Pollution Prevention Committee  
Lab. & Ind. Waste Supervisor  
City of Greensboro Water Resources Department  
Greensboro, NC

*Panel Participants:*

Mary Smith\*

Director, Engineering and Analysis Division  
Office of Science and Technology  
Office of Water  
U.S. Environmental Protection Agency  
Washington, DC

Margie Nellor\*  
President  
Nellor Environmental Associates, Inc.  
Austin, TX

*Afternoon*

12:15 – 3:00

*Regional Roundtable Luncheon and Interaction*

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

*Regions 1 and 2*

**Justin Pimpare**

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

**Thomas P. Uva\***

Director – Planning, Policy, and Regulation  
Narragansett Bay Commission  
Providence, RI

*Region 3*

**Ron Johnson**

Chief, Industrial Waste  
Hampton Roads Sanitation District  
Virginia Beach, VA

**Matt Cox**

Industrial Waste Manager  
Hampton Roads Sanitation District  
Virginia Beach, VA

*Region 4*

**Sharon Miller\***

Pretreatment Coordinator  
City of Greensboro Water Resources Department  
Greensboro, NC

*Region 5*

**Matt Gluckman\***

Pretreatment Program Manager  
U.S. Environmental Protection Agency, Region 5  
Chicago, IL

**Bill Oldenburg\***  
Pretreatment Program Coordinator  
Green Bay Metropolitan Sewerage District  
Green Bay, WI

*Region 6*

**Martin Miller\***  
Industry Compliance Supervisor  
San Antonio Water System  
San Antonio, TX

*Region 7*

**Dorris Bender\***  
Environmental Compliance Manager  
Independence Water Pollution Control Department  
Independence, MO

*Region 8*

**Curt McCormick\***  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 8  
Denver, CO

**Al Garcia\***  
Industrial Pretreatment Administrator  
Littleton/Englewood Wastewater Treatment Plant  
Englewood, CO

*Region 9*

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

**Paul Martyn\***  
Section Head, Industrial Waste  
Sanitation Districts of Los Angeles County  
Whittier, CA

*Region 10*

**Michael Le\***  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 10  
Seattle, WA

**Steve Anderson\***  
Operations Analyst  
Clean Water Services  
Hillsboro, OR

**NOTE:** Breakout room assignments for specific region discussions will be announced at the luncheon.

3:00-3:15 Break

3:15 – 4:30

*Panel Discussion –*

*The Pretreatment Streamlining Rule: One Year Later*

With a year of implementation now behind us, EPA, state, and municipal representatives will discuss state and local efforts to implement the Pretreatment Streamlining Rule. Find out what's happening in your state and how it might affect your ability to implement provisions in the rule. Workshop attendees will also be given an opportunity to weigh in on what they like and dislike about the rule and get feedback from the EPA staff who wrote the rule.

*Moderator/Speaker:*

Paul Martyn\*  
Section Head, Industrial Waste  
Sanitation Districts of Los Angeles County  
Whittier, CA

*Panel Participants:*

Curt McCormick\*  
Pretreatment Coordinator  
U.S. Environmental Protection Agency Region VIII  
Denver, CO

Jan Pickrel\*  
Pretreatment Program Coordinator  
U.S. Environmental Protection Agency  
Washington, DC

David Knight\*  
Pretreatment Program Coordinator  
Washington Department of Ecology  
Olympia, WA

*Closing Announcements*

*Evening*

6:00 – 7:30

*Welcoming Reception*

*Thursday, October 5*

*Morning*

8:00 – 4:00

Registration

9:00 – 12:00

**GENERAL SESSION II**

*Opening Remarks*

9:00 – 10:00

*Panel Presentation –*

*What Are We Putting in the Water? – Consumer Products Present a New Pretreatment Challenge*

Significant attention has been paid in recent years to a growing list of contaminants that are being found with greater frequency in our nation's waters. Questions about the potential impacts of these substances abound as the experts grapple with new, non-toxic effects like endocrine disruption. Ingredients in personal care products and new consumer products designed to improve the quality of our lives, including bug repellent clothing, antibacterial soaps and sprays, and washing machines that use silver as a disinfectant, are also posing new challenges. Experts from the wastewater treatment community and EPA discuss these new and emerging issues.

*Moderator/Speaker:*

Dave Tucker\*  
Co-Chair, NACWA Emerging Contaminants Workgroup  
Laboratory Supervisor  
City of San Jose Environmental Services Department  
San Jose, CA

*Speakers:*

Catherine O'Connor\*  
Research Scientist  
Metropolitan Water Reclamation District of Greater Chicago  
Cicero, IL

George Kimbrell\*  
Staff Attorney  
International Center for Technology Assessment  
Washington, D.C.

10:00 – 10:15

Break

10:15 – 10:45

*Featured Speaker –  
PhARMA's Fate and Transport Model*

Concern is growing about the amount of pharmaceutical compounds found in the environment. The effects of the pharmaceuticals on aquatic life and human health are still being determined. Pharmaceutical Research and Manufacturers of America (PhARMA) has developed a model to predict the fate of pharmaceuticals, including concentrations in wastewater treatment plant effluent, and their risk to human health. A PhARMA representative will explain the model and discuss its uses and outputs.

Mary Buzby, Ph.D.\*  
Director, Environmental Technology  
Merck & Co Inc  
Whitehouse Station, NJ

10:45 – 12:00

*Panel Presentation –  
Emerging Contaminants, Emerging Collaborations...Fostering New Relationships to  
Address a New Problem*

The presence of emerging contaminants in the influent, effluent and solids of a wastewater treatment plant raises a number of questions about who has the responsibility to deal with them (either through pollution prevention/source

reduction or treatment). What makes more sense, treating for these contaminants once they are in the system? Or keeping them out of the system in the first place?

On top of this debate is the broader question of whether we need to do anything about them at all? Would the benefit of costly removal actually improve water quality? Regardless of the answer to this last question, the need to discuss these issues early and with a broad range of stakeholders is critical. Panelists will discuss the latest science on the potential impacts of these contaminants, why better collaboration on the national level between federal agencies will be critical, and how communication among water stakeholders including clean water, drinking water, and environmental activist representatives must improve.

*Moderator:*

Ben Horenstein\*  
Chair, NACWA Pretreatment and Pollution Prevention Committee  
Manager, Environmental Services  
East Bay Municipal Utility District  
Oakland, CA

*Speakers:*

Karin North\*  
Associate Engineer  
City of Palo Alto  
Palo Alto, CA

Frank Mastrocco\*  
Director, Hazard Communication & Environmental Toxicology  
Pfizer Inc.  
New York, NY

Scott Cassel\*  
Executive Director  
Product Stewardship Institute, Inc.  
Boston, MA

George Kimbrell\*  
Staff Attorney  
International Center for Technology Assessment  
Washington, D.C.

*Announcements*

12:00 – 1:30

Lunch (on your own)

1:30 – 2:00

*Featured Speaker –*

*Containment and Conveyance of Hospital Decontamination Wastewater*

In the event of a terrorist attack or accident involving chemical, biological, or radiological substances, wastewater treatment facilities need to be prepared for the possibility of contaminated wastewater from multiple sources. One potential source is the wastewater from the decontamination showers many hospitals now have for washing down victims after such an event. The Wisconsin Department of Natural Resources and the Division of Public Health developed comprehensive recommendations for the management of wastewater from portable hospital decontamination tents. Julia Riley will present these recommendations, which will help wastewater treatment facilities and hospitals work together to formulate a decontamination wastewater plan.

Julia Riley\*

Wastewater Specialist, Permits Section

Bureau of Watershed Management

Wisconsin Department of Natural Resources

Madison, WI

2:00 – 5:00

*Panel Discussion and Virtual Tour –*

*Rebuilding a City – How the Sewerage and Water Board of New Orleans is Recovering After Hurricane Katrina*

Officials from the Sewerage and Water Board of New Orleans will provide an in-depth overview of what they endured during and in the wake of Hurricane Katrina and the massive flooding that submerged large portions of the city. How do you recover from such a catastrophic event? Where does the money come from for the massive repair work if your rate payers have left the city? These questions and many more will be discussed as panelists share accounts of how the authority responded to the deluge of floodwaters. Details on the extent of the damage to the treatment plant and collection system and an update on efforts to bring the wastewater plant and all of its associated programs back online will also be provided.

*Virtual Tour*

New Orleans Sewerage and Water Board officials will also lead a Virtual Tour of their plant and associated system equipment through a series of photographs detailing the damage and recovery efforts.

*Evening*

6:00 – 7:30

*Reception*

*Friday, October 6*

*Morning*

8:00 – 9:15

NACWA Pretreatment and Pollution Prevention Committee Meeting and Workshop Wrap-up

8:00 – 10:00

Registration



9:30 – 11:15

## CLOSING TECHNICAL SESSIONS

### *Dual-Track Breakout Discussions –CHOOSE ONE*

*Pollution Prevention Approaches for a Safer Environment – Case Study: Nonylphenol Ethoxylates and EPA’s Safer Detergents Stewardship Initiative*  
Representatives from industry research groups, commercial laundries who use products containing nonylphenol ethoxylates (NPEs), and EPA officials will discuss new efforts to control the discharge of these surfactants, including a voluntary EPA program that recognizes companies for using NPE alternatives. Some companies have already voluntarily phased out the use of NPEs, but others are citing new data indicating that the presence of NPEs in the environment is not at dangerous levels. At the center of the debate is EPA’s new water quality criterion for nonylphenol and new concern about endocrine disruption.

*Moderator/Speaker:*

Jen Jackson\*  
Pollution Prevention  
East Bay Municipal Utility District  
Oakland, CA

*Panelists:*

Dr. Henryk Melcer\*  
Brown & Caldwell  
Seattle, WA

Clive Davies\*  
Design for the Environment Program  
U.S. Environmental Protection Agency  
Washington, DC

Robert Schaffer\*  
Director of Environmental Affairs  
Textile Rental Services Association  
Alexandria, VA

*To Separate or Not to Separate? Is There Only One Answer to the Mercury Control Question at Dental Offices?*

New data from across the country continues to send mixed signals about the efficacy of amalgam separators at controlling influent and effluent levels of mercury. Some POTWs have shown marked decreases in sludge levels, but still cannot consistently meet some of the most stringent mercury standards, like those in the Great Lakes. The American Dental Association, EPA, and the municipal community continue to discuss this issue and will highlight some of the latest information available during this session.

*Moderator/Speaker:*

Keith Linn\*  
Chair, NACWA Mercury Workgroup

Northeast Ohio Regional Sewer District  
Cleveland, OH

*Panelists:*

Jerry Bowman\*  
Assistant General Counsel  
American Dental Association  
Chicago, IL

Ralph Erikson\*  
Pretreatment Coordinator  
Madison Metropolitan Sewerage District  
Madison, WI

Ben Horenstein\*  
Chair, NACWA Pretreatment and Pollution Prevention Committee  
Manager, Environmental Services  
East Bay Municipal Utility District  
Oakland, CA

Clayton Brown\*  
Source Control Supervisor  
Clean Water Services  
Hillsboro, OR