



2009 National Pretreatment and Pollution Prevention Workshop

*Pretreatment and Source Control –  
Providing the Foundation for Clean Water's Future*

*March 25-27, 2009  
Hilton Charlotte University Place  
Charlotte, North Carolina*

*All rooms are on the Lakeshore Level unless otherwise noted.*

**Wednesday, March 25**

*Morning*

8:00 – 4:00                      Registration

*University Ballroom  
Foyer*

9:00 – 4:30                      **GENERAL SESSION I**

*University Ballrooms  
C, D & E*

*Opening Remarks*

Julie Burch  
Assistant City Manager  
Charlotte, NC

*Keynote Address –*

Meeting 21<sup>st</sup> Century Water Quality Challenges and Sustaining a Livable  
Community

The Honorable Jennifer Roberts  
Chair  
Mecklenburg County Commissioners  
Charlotte, NC

9:30 – 10:45                      *Panel Presentation –*

**National Pretreatment Program Update**

EPA Headquarters staff will update Workshop attendees on several national issues affecting the pretreatment program, including the upcoming proposed rule for airport deicing Effluent Limitation Guidelines (ELGs); the survey of unused pharmaceutical disposal practices at hospitals, dental clinics, and other health care facilities that will inform the possible development of ELGs for the health services industry; the study of emerging contaminants in wastewater treatment effluent; and the priorities of the program under the new administration.

*Moderator:*

Martie Groome  
Chair, NACWA Pretreatment and Pollution Prevention Committee  
Laboratory and Industrial Waste Supervisor  
City of Greensboro Water Resources Department  
Greensboro, NC

*Panelists:*

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

Martha Segall  
Acting Chief, Industrial Branch  
Water Permits Division, Office of Wastewater Management  
Office of Water  
U.S. Environmental Protection Agency  
Washington, D.C.

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

10:45 – 11:00

Break

11:00 – 12:00

*Roundtable –*

**Pretreatment Performance Measures: Something Old is New Again**  
EPA is currently evaluating and developing results-based Performance Measures that will be used to assess environmental benefits achieved from implementing the National Pretreatment Program. Primary benefits of POTW Program implementation include the protection of watersheds, by restoring and improving water quality. Secondary benefits have also resulted, with the protection of infrastructure investment and improvement of homeland security. NACWA's Pretreatment and Pollution Prevention Committee formed a group to work with EPA on reviewing the Performance Measures. After an update on the status of the EPA Performance Measures development, participants in this roundtable will discuss how past work on pretreatment performance measures is incorporated into the current Performance Measures, how EPA will use the comments provided by the NACWA working group, and the next steps for implementation of the Performance Measures.

*Moderator:*

Theresa Pfeifer  
Vice-Chair, NACWA Pretreatment and Pollution Prevention Committee  
Industrial Waste Coordinator  
Metro Wastewater Reclamation District  
Denver, CO

*Roundtable Participants:*

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

Jennifer Dodd  
State Pretreatment Coordinator  
Tennessee Department of Environment and Conservation  
Nashville, TN

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

*Afternoon*

12:15 – 2:45

*Lakeshore Ballrooms*

1 – 3

**Regional Roundtable Luncheon**

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.

*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*

John Lovell  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 3  
Philadelphia, PA

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

*Region 4*

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

Sharon Miller  
Pretreatment Coordinator  
City of Greensboro Water Resources Department  
Greensboro, NC

*Region 5*

Ash Sajjad  
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

*Regions 6 and 7*

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

Stanley Suel  
Director of Environmental Assessment Division  
City of Little Rock Wastewater Utility  
Little Rock, AR

*Region 8*

Al Garcia  
Pretreatment Coordinator  
U.S. Environmental Protection Agency, Region 8  
Denver, CO

Lori Maag  
Industrial Waste Supervisor  
Metro Wastewater Reclamation District  
Denver, CO

*Region 9*

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

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

*Region 10*

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

Steve Anderson  
Water Resources Analyst  
Clean Water Services  
Hillsboro, OR

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

2:45 – 3:00

Break

3:00 – 4:30

*University Ballrooms  
C, D, & E*

*Panel Discussion –*

*Law and Order, Pretreatment Style*

Wastewater treatment and water quality issues often end up in court, and pretreatment programs are frequently involved in the legal wrangling. This panel will feature two attorneys from both sides: an attorney who represents a wastewater treatment facility and its pretreatment program, and an attorney who has represented environmental activists on wastewater cases. These attorneys will present their experiences and discuss the legal issues from both perspectives.

*Moderator:*

Donna Dessoir  
Environmental Compliance Supervisor  
West County Wastewater District  
Richmond, CA

*Panelists:*

Rick Gaskins  
Executive Director  
Catawba Riverkeeper Foundation, Inc.  
Charlotte, NC

Rob Phocas  
Assistant City Attorney  
City of Charlotte  
Charlotte, NC

*Closing Announcements*

*Evening*

6:00 – 7:00

*Lakeview Room*

Welcoming Reception

*Thursday, March 26*

*Morning*

8:00 – 4:00

*University Ballroom*

*Foyer*

Registration

9:00 – 4:00

*University Ballrooms*

*C, D & E*

**GENERAL SESSION II**

*Opening Remarks*

9:00 – 10:30

*Panel Presentation –*

**Target: Antimicrobial Pesticides Going ‘Down the Drain’**

As more and more products contain antimicrobial ingredients, concerns are increasing about the potential impacts. Both environmental organizations and regulatory agencies are beginning new actions to address these concerns. EPA’s new proposed rule on data requirements for antimicrobial pesticides, which considers for the first time a “Down the Drain” model to account for antimicrobials that end up in the sewer system, will be discussed, as well as EPA’s recent Reregistration Eligibility Decision for triclosan, an antimicrobial found in a multitude of soaps, detergents, and personal care products. Environmental and public health organizations will discuss their concerns with

triclosan and nanosilver, which is also increasingly used as an antimicrobial in products ranging from washing machines to clothing to computer keyboards.

*Moderator:*

Ralph Erickson  
Pretreatment Coordinator  
Madison Metropolitan Sewerage District  
Madison, WI

*Panelists:*

Regina Guyer  
Executive Director  
Environmental Assistance Office  
University of North Carolina at Charlotte

Meredith Niles  
Project Director  
Center for Food Safety/International Center for Technology  
Assessment  
Washington, D.C.

Nichelle Harriott  
Research Associate  
Beyond Pesticides  
Washington, D.C.

Diana Eignor  
Biologist  
Health and Ecological Criteria Division  
Office of Science & Technology, Office of Water  
U.S. Environmental Protection Agency  
Washington, D.C.

10:30 – 10:45

Break

10:45 – 12:00

*Case Study –*

Wastewater for Reuse: Tomorrow's Source Control for Today's Emerging Pollutants

The Groundwater Replenishment (GWR) System of Orange County, California, converts 70 million gallons of secondary effluent per day into high quality potable water that is used to recharge the county's aquifers which are resource to 2.5 million people. In addition to the microfiltration, reverse osmosis, and advanced oxidation purification systems employed by Orange County Water District in the GWR System, the Orange County Sanitation District (OCSd) is developing and implementing innovative source control programs for emerging contaminants and pharmaceuticals. OCSd representatives will discuss how they have planned an enhanced source control program to

consider the ever-changing and growing list of emerging pollutants, with a focus extending beyond industrial source control to commercial and residential sources. The OCSD perspective will provide insights for other parts of the country considering water reuse.

*Speakers:*

Chris Stacklin  
Engineer, Source Control Division  
Orange County Sanitation District  
Fountain Valley, CA

Tom Meregillano  
Regulatory Specialist, Source Control Division  
Orange County Sanitation District  
Fountain Valley, CA

12:00 – 1:15                      Lunch (on your own)

1:30 – 2:30  
*University Ballrooms  
C, D & E*

*Roundtable –*

**Developing Effective Pretreatment Working Relationships**

An effective pretreatment program will establish good working relationships with both its industrial users and the operations and maintenance staff at the wastewater treatment facility. During this roundtable discussion, a participant from each area (pretreatment, operations and maintenance, and industrial user) will describe their experiences and ideas for building effective working relationships.

*Moderator:*

Tom Uva  
Director, Planning, Policy, and Regulation  
Narragansett Bay Commission  
Providence, RI

*Panelists:*

Tim Downs  
Environmental Compliance Supervisor  
Charlotte Mecklenburg Utilities  
Charlotte, NC

Ray Fuentes  
Environmental Compliance Manager  
Coca-Cola Bottling Co. Consolidated  
Charlotte, NC



Mike Lingerfelt  
Wastewater Treatment Plant Supervisor  
Irwin Wastewater Treatment Plant  
Charlotte, NC

2:30 – 2:45                      Break

2:45 – 4:00                      *Panel Presentation –*  
**Sanitary Systems: The New Combined Sewer?**  
In many areas of the country, pretreatment programs are being asked to take responsibility for stormwater, adding a new set of challenges and considerations for pretreatment professionals. Pretreatment programs may be asked to deal with redirection of discharges that previously went to the stormwater system, or to handle contaminated stormwater from various industrial facilities. Cross-connections between the sanitary sewer system and the stormwater sewers may create a variety of problems, and liability issues are often a concern as well. The speakers in this panel presentation will discuss all of these potential challenges and strategies for dealing with them.

*Moderator:*

Clayton Brown  
Source Control Manager  
Clean Water Services  
Hillsboro, OR

*Panelists:*

Craig Miller  
Senior Water Quality Specialist  
Charlotte-Mecklenburg Stormwater Services  
Charlotte, NC

Rusty Rozzelle  
Water Quality Program Manager  
Mecklenburg County Land Use & Environmental Services  
Charlotte, NC

Jerry Baumgartner  
Industrial Source Control Manager  
City of Portland Bureau of Environmental Services  
Portland, OR

4:15 – 5:45                      NACWA Pretreatment and Pollution Prevention Committee Meeting  
*University Ballroom A*

*Evening*  
6:00 – 7:00                      Reception  
*Glenwaters*

*Friday, March 27*

*Morning*

8:00 – 10:00

*University Ballroom*

*Foyer*

Registration

9:00 – 11:00

*University Ballrooms*

*C, D & E*

**GENERAL SESSION III**

*Opening Remarks*

9:00 – 9:45

*Presentation –*

**Computer-Based Certification for Pretreatment Professionals**

The California Water Environment Association (CWEA) offers certification and testing programs for POTW staff in areas such as Environmental Compliance Inspection, Laboratory Analysis, and Wastewater Treatment Plant Maintenance. Beginning this year, the CWEA certification tests will be available as computer-based testing, allowing anyone to take a test on any day they choose in various locations throughout the country. In this presentation, the benefits of certification to those outside of California will be discussed, and descriptions of the CWEA computer-based testing program and how utilities can take advantage of it will be provided.

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

9:45 – 11:00

*Panel Discussion –*

**Dental Amalgam Separators: Are Best Management Practices Enough?**

In late 2008, NACWA, the American Dental Association (ADA), and EPA signed a Memorandum of Understanding that committed the three organizations to work together to decrease mercury discharges from dental clinics by encouraging them to adopt ADA's best management practices (BMPs) for dental amalgam waste. These BMPs include installing and maintaining an amalgam separator and recycling of the collected amalgam waste. EPA had decided not to develop national pretreatment standards for dental clinics due to the declining use of mercury in amalgam fillings and the many local efforts already underway to control this source. NACWA stressed throughout development of the MOU that the agreement would not affect local clean water agency authority to impose more stringent requirements, if needed, to protect their treatment plants and/or the environment. This panel will discuss how progress under the MOU can be tracked, and if the voluntary use of BMPs will be enough to decrease mercury discharges from dental clinics.

*Moderator:*

Beth Toot-Levy  
Chair, NACWA Mercury Workgroup  
Environmental Specialist  
Northeast Ohio Regional Sewer District  
Cleveland, OH

*Panelists:*

Al Dube  
Vice President, Dental Division  
SolmeteX, Inc.  
Northborough, MA

Jerry Bowman  
Associate General Counsel  
American Dental Association  
Chicago, IL

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

*Closing Remarks*