



2007 National Pretreatment and Pollution Prevention Workshop

*The Changing Face of Pretreatment –
New Challenges and Creative Solutions*

November 14-16, 2007

Westin Tabor Center

Denver, Colorado

***NOTE: All meeting rooms located on the Mezzanine Level of the Westin Tabor Center
unless indicated otherwise.***

Wednesday, November 14

Morning

8:00 – 4:00

Continental Foyer

Registration

9:00 – 4:30

Continental Ballroom

GENERAL SESSION I

Opening Remarks

Christopher Westhoff*

NACWA President

Assistant City Attorney – Public Works General Counsel

City of Los Angeles

Los Angeles, CA

Keynote Address

Martha Rudolph*

Director of Environmental Programs

Colorado Department of Public Health and Environment

Denver, CO

9:30 – 10:45

Continental Ballroom

Roundtable –

National Pretreatment Program Update

EPA Headquarters staff will update Workshop attendees on several national issues affecting the pretreatment program, including the ongoing work on Effluent Limitation Guidelines for drinking water treatment residuals and airport deicing wastes; work to evaluate the need for other new guidelines, possibly for hospitals, dental clinics, and other health care facilities; current implementation of the Pretreatment Streamlining Rule; and other relevant water quality issues.

Moderator:

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

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

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

10:45 – 11:00 Break

11:00 – 12:00
Continental Ballroom

Roundtable –

New Developments in Laboratory and Sampling Issues

Key stakeholders and EPA staff will discuss several new developments affecting the laboratory and sampling procedures used by pretreatment programs. Updates to the 40 CFR 136 methods, laboratory procedure changes resulting from Pretreatment Streamlining, new detection and quantification issues, and lab accreditation will be presented and clarified for Workshop attendees. In addition, EPA is also continuing its sampling efforts for contaminants of emerging concern at publicly owned treatment works (POTWs), and EPA staff will provide the latest developments in this program.

Moderator:

Martie Groome*
Chair, NACWA Pretreatment and Pollution Prevention Committee
Laboratory and Industrial 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

Brooke Connor*

Laboratory Evaluation Project Chief

Branch of Quality Systems

U.S. Geological Survey

Denver, CO

Afternoon

12:15 – 3:00

*Augusta Room
(Lobby Level)*

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.

NOTE: There will be 3 additional breakout locations located on the Mezzanine Level for regional roundtable discussions which will be assigned at the luncheon.

Regions 1 and 2

Justin Pimpare*

Pretreatment Coordinator

U.S. Environmental Protection Agency, Region 1

Boston, MA

Kerry Britt*

Pretreatment Manager

Narragansett Bay Commission

Providence, RI

Region 3

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 Coordinator
U.S. Environmental Protection Agency, Region 5
Chicago, IL

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

Region 6

Robert Martinez
Manager, Resource Protection and Compliance Program
San Antonio Water System
San Antonio, TX

Region 7

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

Becky Gagnon Lewis*
Environmental Services Administrator
City of Wichita
Wichita, KS

Region 8

Sandra Stavnes*
Chief, Wastewater Unit
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

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 –*

Continental Ballroom

Hauled Waste Acceptance: Is it Worth the Risk?

Since no federal regulatory controls exist for hauled waste, POTWs can develop their own control programs for accepting hauled waste or refuse to accept it. This panel will discuss the potential advantages and disadvantages of accepting hauled waste. Can a POTW turn a profit with hauled wastes? What does a POTW do if the waste is not what it is declared to be, either deliberately or unintentionally? Are the potential problems of unknown wastes worth the risk? If POTWs don't accept the waste, where is it going? Speakers will give their perspectives on the answers to these questions and discuss their experiences with accepting hauled waste and present their experiences of dealing with hauled waste.

Moderator/Speaker:

Scott Broski*
Supervisor of Enforcement
Northeast Ohio Regional Sewer District
Cleveland, OH

Panel Participants:

Sophia Skoda*
Senior Civil Engineer
East Bay Municipal Utility District
Oakland, CA

Randy See*
Manager
West Montrose Sanitation District
Montrose, CO

Closing Announcements

Evening

6:00 – 7:30

Augusta Room

(Lobby Level)

Welcoming Reception

Thursday, November 15

Morning

8:00 – 4:00

Continental Foyer

Registration

9:00 – 4:15

Continental Foyer

GENERAL SESSION II

Opening Remarks

9:00 – 10:15

Continental Ballroom

Panel Presentation –

Alternative Fuels – Bust or Boon for Pretreatment Programs?

With current concerns about climate change, the popularity of alternative fuels, such as ethanol and biodiesel, is rising since they are seen as more environmentally-friendly choices. Ethanol and biodiesel production still result in waste products, though, and pretreatment programs may need to deal with a variety of alternative fuel wastes, such as biodiesel waste products from industrial and home producers. Alternative fuels may also provide benefits to POTWs, with alternative fuel production at the treatment facility and wastes such as restaurant grease used as biodiesel sources. Speakers on this panel will discuss regulatory issues associated with alternative fuel production, issues with accepting alternative fuel wastes, and opportunities provided by alternative fuels.

Moderator/Speaker:

Ron Johnson*

Chief, Industrial Waste

Hampton Roads Sanitation District

Virginia Beach, VA

Speakers:

Erika Felix*

Environmental Engineer

Office of Wastewater Management

Permits Division, Industrial Branch

U.S. Environmental Protection Agency

Washington, DC

Kevin Bell*

Business Development Manager

Chevron Energy Solutions

Granite Bay, CA

K. Shaine Tyson*
CEO
Rocky Mountain Biodiesel Consulting LLC
Glenwood Springs, CO

10:15 – 10:30 Break

10:15 – 11:30 *Panel Presentation –*

Continental Ballroom

Pharmaceutical Take Backs — Is a National Program Needed?

Concern continues to grow about the potential effects that pharmaceuticals in the environment have on aquatic life and human. Although these effects are still being determined, the aging population and increasing use of prescription drugs is certain to keep this issue in the spotlight. Debate continues about the amount and source of pharmaceuticals that enter the wastewater system, and the best way of dealing with them. Speakers on this panel will discuss drug take-back programs to prevent unused medications from entering the sewer system and other potential measures for reducing pharmaceuticals in wastewater.

Moderator/Speaker:

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

Speakers:

Janet Gillaspie*
Executive Director
Oregon Association of Clean Water Agencies
Portland, OR

Mary Buzby
Director, Environmental Technology
Merck & Company, Inc.
Whitehouse Station, NJ

11:30 – 1:15 Lunch (on your own)

1:30 – 2:45 *Panel Discussion –*

Continental Ballroom

Are Consumer Products the Next Big Pretreatment Challenge?

A growing number of consumer products ranging from clothing to washing machines to soaps and other personal care products are being developed using new ingredients or additives that are marketed as making our lives easier or safer. These additives include nanomaterials, which are currently used in over 400 consumer products. This new and growing trend of products – designed and marketed to contain and deliver many of the existing chemicals, pesticides, and heavy metals that have long been recognized as threats to human health

and/or the environment – appears to be outside the traditional regulatory framework. Pretreatment programs have been controlling these same pollutants from industrial and commercial sources, but have no authority over household discharges from consumer goods. This panel's discussion will build on the discussion from last year's *Pretreatment and Pollution Prevention Workshop*, with a focus on what can be done to prevent pollution from consumer products.

Moderator:

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

Panelists:

Juliane B. Brown*
Hydrologist
U.S. Geological Survey
Colorado Water Science Center
Denver, CO

John Pendergrass*
Director, Center for State, Local, and Regional Environmental
Programs
Environmental Law Institute
Washington, D.C.

Ed Hopkins*
Director of the Environmental Quality Program
Sierra Club
Washington, D.C.

2:45 – 4:00

Continental Ballroom

Panel Discussion –

Managing Mercury, Other Metals, and More

With mercury and other metals presenting a continuing concern for pretreatment programs, this panel will discuss the latest news in managing these long-time pretreatment targets. The value of mercury control programs (including amalgam separator installation) that target dental offices continues to be debated, and panelists will discuss what questions remain to be answered on this growing issue. In addition, a case study for tracking and solving a metal contamination problem will be presented. Other topics for discussion include the new challenges presented by EPA's fish tissue to water translation for its mercury water quality criterion and EPA's potential effluent limitation guideline for health care facilities that may focus on mercury.

Moderator/Speaker:

Elizabeth Toot-Levy*

Chair, Mercury Workgroup
Investigator, Water Quality and Industrial Surveillance
Northeast Ohio Regional Sewer District
Cleveland, OH

Panelists:

Jerome Bowman*
Associate General Counsel
American Dental Association
Chicago, IL

Dan Parnell*
Manager, Industrial Pretreatment
JEA
Jacksonville, FL

4:15 – 5:45 NACWA Pretreatment and Pollution Prevention Committee Meeting
Augusta Room
(Lobby Level)

Evening
6:00 – 7:30 Reception
Tabor-Molly Brown
(Lobby Level)

Friday, November 16

Morning
8:00 – 10:00 Registration
Continental Foyer

9:00 – 11:30 **GENERAL SESSION III**
Continental Ballroom *Opening Remarks*

9:00 – 10:15 *Panel Discussion –*
The Critical Role for Pretreatment in Meeting the Nation's Infrastructure Needs
Pretreatment programs are increasingly being affected by various infrastructure issues. Stormwater is becoming the responsibility of some pretreatment programs, adding a new set of responsibilities and considerations for pretreatment professionals. Corrosion of sewer lines due to industrial user discharges remains a concern, as does overflows due to fats, oils, and greases (FOG) and other causes. This panel will discuss these infrastructure issues and provide case studies of how pretreatment programs are adapting to deal with them.

Moderator:

John Watson*
Pollution Control Superintendent
City of Phoenix Water Services Department
Phoenix, AZ

Panelists:

James Baginski*
Regulatory Control Branch Head
City of Honolulu
Honolulu, HI

Michael Golden*
Environmental Compliance Supervisor
City of Tempe
Tempe, AZ

Mike Martin*
Pretreatment and Pollution Prevention Manager
Hampton Roads Sanitation District
Virginia Beach, VA

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

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

10:15 – 11:30

Panel Discussion –

Law and Order, Pretreatment Style

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. But fraud and illegal activity may also extend to other entities critical to the pretreatment program, including contract laboratories. Panelists will discuss several case studies where vigilant pretreatment professionals played vital roles in closing the case.

Moderator:

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

Greensboro, NC

Panelists:

Dan Tonello*
Wastewater Services Manager
City of Grand Junction
Grand Junction, CO

David Janik*
Attorney
Office of Enforcement, Compliance, and Environment
U.S. Environmental Protection Agency, Region 8
Denver, CO

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

Closing Remarks