



2015 National Pretreatment and Pollution Prevention Workshop

May 13-15, 2014

The Hyatt Regency Greenville Hotel
Greenville, SC

All Meetings Rooms located on the 1st Floor unless otherwise indicated.

Tuesday, May 12

Morning

7:30 – 4:00

Registration

8:00 – 5:00

Regency F

TRAINING COURSE: Introduction to the Pretreatment Program for Wastewater Utilities

This optional, full-day training course is geared toward pretreatment professionals in the first few years of their pretreatment careers. Please see www.nacwa.org/15pretwta for additional information about this course.

Separate registration is required for the training course.

8:00 – 5:00

Regency G

TRAINING COURSE: Advanced Local Limits

This optional, full-day training course will provide an in-depth focus on local limits, answering all of the “who, what, when, where, why, and how” questions about local limits. Please see www.nacwa.org/15pretwta for additional information about this course. *Separate registration is required for the training course.*

Wednesday, May 13

Morning

7:30 – 4:00

Registration

Regency Ballroom Foyer

8:30 – 3:15

GENERAL SESSION I

Regency D, D2, E & E2 Opening Remarks

Theresa Pfeifer

Chair, NACWA Pretreatment and Pollution Prevention Committee

Regulatory Compliance Officer

Metro Wastewater Reclamation District

Denver, CO

Introductory Remarks

Ray Orvin

Executive Director
Renewable Water Resources
Greenville, SC

Welcoming Remarks

The Honorable Knox White

Mayor
City of Greenville
Greenville, SC

Keynote Address

Reflections on Pretreatment and Clean Water

The National Pretreatment Program has served a vital role in protecting the water environment for over three decades. NACWA's Executive Director, Ken Kirk – who will be retiring later this year after nearly 40 years with the Association – will reflect on the progress made because of the Pretreatment Program, and its continued significance now and in the years to come.

Ken Kirk

Executive Director
National Association of Clean Water Agencies
Washington, DC

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. Topics of discussion will include the latest Effluent Limitation Guidelines Program plan, plans to update guidance documents and pretreatment program manuals, and testing and analysis methods updates.

Moderator:

Dan Parnell

Industrial Permitting Manager
City of Portland Bureau of Environmental Services
Portland, OR

Speakers:

Jan Marie Pickrel

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

Marcus Zobrist

Chief, Industrial Branch
Water Permits Division, Office of Wastewater Management
Office of Water
U.S. Environmental Protection Agency
Washington, DC

Janet Goodwin

Chief, Technology & Statistics Branch
Engineering & Analysis Division
Office of Water
U.S. Environmental Protection Agency
Washington, D.C.

Jan Matuszko

Branch Chief, Engineering & Analytical Support Branch
Engineering and Analysis Division
Office of Water
U.S. Environmental Protection Agency
Washington, DC

10:30 – 10:45

Break

Panel Presentation

Filling the Wrong Hole? The Proposed Dental Amalgam Rule

EPA's proposed dental amalgam separator rule would require dental amalgam separators at all dental offices in the U.S. that place or remove amalgam fillings, and utility, state, and EPA Region pretreatment programs would be responsible for ensuring compliance. While controlling mercury discharges to the environment is a worthy goal, do the requirements of this proposal create too high of a burden for the environmental benefits that it would achieve? Panelists from utility associations, state regulator associations, and the dental community will discuss their analyses of the rule and potential paths forward for dealing with dental amalgam mercury.

Moderator/Speaker:

Curtis Barton

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

Speakers:

Jerry Bowman

Chief of Governance & Strategy Management
American Dental Association
Chicago, IL

Ryan Faw
Industrial Pretreatment Coordinator
City of Raleigh Public Utilities Department
Raleigh, NC

Frank Dick
Vice Chair, NACWA Pretreatment and Pollution Prevention Committee
Sewer and Wastewater Engineering Supervisor
City of Vancouver, Department of Public Works
Vancouver, WA

Tim Potter
Environmental Compliance Supervisor
Central Contra Costa Sanitary District
Martinez, CA

Afternoon

12:00 – 1:30 Lunch (on your own)

1:45 – 3:15 **GENERAL SESSION I (continued)**

Opening Remarks

Frank Dick
Vice Chair, NACWA Pretreatment and Pollution Prevention Committee

Featured Speaker

It's Not Just Ebola: Protecting Our Personnel from Pathogens
Last year, the Ebola virus came to the U.S., generating significant media attention and causing concern from wastewater utilities about potential risks to utility personnel. With no active Ebola patients currently in the U.S., concerns about the virus have decreased. However, there are many other potential health risks associated with untreated wastewater, and the use of proper personal protective equipment (PPE) by utility personnel should continue to be promoted. Matt Arduino from the Centers for Disease Control and Prevention (CDC) will discuss the health risks that should be considered by utilities and how these risks can be best managed.

Matt Arduino
Chief, Clinical and Environmental Microbiology Branch
Division of Healthcare Quality Promotion
National Center for Emerging and Zoonotic Infectious Diseases
Centers for Disease Control and Prevention
Atlanta, GA

Panel Presentation

Pretreatment of Ebola Patient Waste: The Knowns and Unknowns
While the CDC does not currently recommend pretreatment of Ebola patient waste, many utilities were concerned last year that this waste could present

unacceptable risks to their workers. As a result, recommendations were developed by the California Association of Sanitation Agencies (CASA) for pretreatment of waste, and new research has been initiated to determine the fate of the Ebola virus in wastewater. Panelists will discuss the rationale for the pretreatment recommendations, the preliminary research results, and plans for working with the CDC to find common ground on pretreatment of patient waste, for Ebola and any future pathogens that raise concerns.

Moderator:

Kerry Britt
Pretreatment Manager
Narragansett Bay Commission
Providence, RI

Speakers:

Jonathan Reeves
Manager, Office of Emergency Management
DC Water
Washington, DC

Lola Olabade
Program Director
Water Environment Research Foundation
Alexandria, VA

Matt Arduino
Centers for Disease Control and Prevention

Announcements

Frank Dick
Vice Chair, NACWA Pretreatment and Pollution Prevention Committee

3:30 – 5:00

Regency F, H, G

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.

Regions 1 and 2

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

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

Kerry Britt
Narragansett Bay Commission

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

Martie Groome
Laboratory & Industrial Waste Section Supervisor
Water Resources Department, City of Greensboro
Greensboro, NC

Region 5

Matthew Joseph
Assistant Director of Monitoring & Research
Industrial Waste Division
Metropolitan Water Reclamation District of Greater Chicago
Chicago, IL

Newton Ellens
Environmental Engineer
U.S. Environmental Protection Agency, Region 5
Chicago, IL

Region 6

Jennifer Moore
Environmental Services Coordinator
Trinity River Authority of Texas
Dallas, TX

Region 7

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

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

Region 8

Theresa Pfeifer
Chair, NACWA Pretreatment and Pollution Prevention Committee

Region 9

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

Region 10

Clayton Brown
Source Control Manager
Clean Water Services
Hillsboro, OR

Evening

6:00 – 7:00

Reception

Studio 220 @ NOMA

2nd Floor

Thursday, May 14

Morning

8:00 – 3:45

Registration

Regency Ballroom Foyer

8:30 – 3:45

GENERAL SESSION II

Regency D, D2, E & E2 *Opening Remarks*

Theresa Pfeifer

Chair, NACWA Pretreatment and Pollution Prevention Committee

Pretreatment Issues Roundtable Discussions – Round 1

This session will provide an opportunity for Workshop participants to network with other pretreatment professionals and discuss issues affecting their programs. Tables will be labeled with a topic of discussion, and workshop participants should sit at the table of their choice. Pretreatment issues for discussion will include the following, and more:

- Pollution Prevention and Source Control
- Flushable Wipes and Non-Dispersible Products
- Zero Discharge Categorical Limits
- Fats, Oils & Greases (FOG)
- Quantitation and Other Lab Issues
- Mercury Minimization
- Best Management Practices and Site-Specific Limits
- Local Limits Development and Enforcement
- Enforcement and Awards Programs
- Hauled Wastes
- Pretreatment Certification and Training

9:30 – 9:45

Break

Panel Discussion –

Pretreatment Program Management, From the Ground Up

Many pretreatment programs are facing transitions as their programs evolve from traditional industrial pretreatment to adding other source control initiatives, and as experienced pretreatment professionals retire and new personnel come onboard. This panel will discuss a range of topics related to managing pretreatment programs through these transitions, including establishing a new pretreatment program in a small town, managing a large number of industrial users in a large utility, dealing with multiple jurisdictions, and tackling the challenges of personnel turnover.

Moderator:

Frank Dick

Vice Chair, NACWA Pretreatment and Pollution Prevention Committee

Speakers:

Dade Pettinger

Environmental Coordinator

City of Jerome

Jerome, ID

Pat Magnuson

Industrial Waste Compliance Investigator

King County Department of Natural Resources and Parks

Seattle, WA

Michael Goldrich

Senior Environmental Specialist

Metropolitan Water Reclamation District of Greater Chicago

Chicago, IL

Matthew Joseph

Metropolitan Water Reclamation District of Greater Chicago

11:45 – 1:15

Lunch (on your own)

1:30 – 4:00

GENERAL SESSION II (continued)

Regency D, D2, E & E2 Opening Remarks

Frank Dick

Vice Chair, NACWA Pretreatment and Pollution Prevention Committee

Featured Speaker

Understanding Contaminants of Emerging Concern and their Ecological Risks

The term “Emerging Contaminants” refers to the relatively recent detection of chemicals in wastewater and receiving waters. Most of these chemicals are not new to commerce; however, due to analytical advancements, they appear as new to the world for environmental science and risk assessment. The process of

assessing the environmental safety of these materials as single chemicals and mixtures will be discussed.

Scott Dyer

Environmental Stewardship & Sustainability
Procter & Gamble
Cincinnati, OH

2:15 – 2:30

Break

Panel Discussion

Emerging Contaminants: The Year in Review

The last year has seen many new developments in the area of emerging contaminants and improperly flushed products. The Drug Enforcement Agency (DEA) finalized a rule to create new options for disposing of controlled substances, creating both positive and negative impacts for drug take-back programs. Plastic microbeads have been under the microscope, drawing media attention and the attention of state and federal lawmakers, who are increasing trying to ban the beads. Triclosan and other antibacterial agents continue to be examined, as does the overuse of antibiotics in animals. And finally, progress is being made on addressing the flushable and not-so-flushable wipes that are plaguing pumps and other parts of sewer systems and treatment plants. This panel will provide updates on these developments and the outlook for the next year.

Moderator/Speaker:

Melody LaBella

Pollution Prevention Program Coordinator
Central Contra Costa Sanitary District
Martinez, CA

Speakers:

Ed Gottlieb

Industrial Pretreatment Coordinator
City of Ithaca Department of Public Works
Ithaca, NY

Cynthia Finley

Director, Regulatory Affairs
NACWA
Washington, DC

Announcements

Frank Dick

Vice Chair, NACWA Pretreatment and Pollution Prevention Committee

4:00 – 5:30 NACWA Pretreatment and Pollution Prevention Committee Meeting
Regency F, G & H All *Workshop* participants are invited to attend this Committee meeting, whether or not they are members of the Committee.

Evening
6:00 – 7:00 Reception
Teal Ballroom
2nd Floor

Friday, May 15

Morning
8:00 – 10:30 Registration
Regency Ballroom Foyer

8:30 – 11:30 **GENERAL SESSION III**
Regency D, D2, E & E2 *Opening Remarks*

Theresa Pfeifer

Chair, NACWA Pretreatment and Pollution Prevention Committee

Pretreatment Issues Roundtable Discussions – Round 2

With the same format as the morning roundtable session, this second roundtable will provide an additional opportunity for Workshop participants to choose a pretreatment issue to discuss with other pretreatment professionals. Tables will be labeled with a topic of discussion, and workshop participants should sit at the table of their choice.

Panel Presentation –

Illegal Dumping of PCBs: The Investigations and Impacts

Utilities in North and South Carolina experienced an unusual and unexpected problem in the past few years: the illegal dumping of PCBs from unknown sources by unknown suspects. This panel will describe the problems that were encountered, the investigations that were conducted, and the immediate and long-ranging impacts for the utilities that were affected.

Moderator/Speaker:

Ray Orvin

Renewable Water Resources

Speakers:

Jonathan Lapsley

Principal Engineer

CDM Smith

Charlotte, NC

Darrell DeWitt
Plant Supervisor
Charlotte Water
Charlotte, NC

Sue Schneider
Chief Executive Officer
Spartanburg Water
Spartanburg, SC

Angie Price
Utilities Asset Engineer
Spartanburg Water
Spartanburg, SC

Jacqueline Jarrell
Operations Chief
Charlotte Water
Charlotte, NC

Closing Remarks

Theresa Pfeifer
Chair, NACWA Pretreatment and Pollution Prevention Committee