



2013 National Pretreatment and Pollution Prevention Workshop

May 15-17, 2013
DoubleTree by Hilton Portland
Portland, Oregon

Wednesday, May 15

Morning

6:30

Morning Run through Portland

Lobby

Join Frank Dick, Industrial Pretreatment Coordinator for the City of Vancouver, for an hour-long run through Portland. Frank has planned a four-mile run on the Esplanade Trail along the Willamette River. This paved, off-road trail is the perfect way to see the City and the bicycle commuters heading into downtown. Rain or shine.

8:00 – 4:00

Registration

Cascade Foyer

9:00 – 3:15

GENERAL SESSION I

*Three Sisters/
Mt. Bachelor*

Opening Remarks

Suzanne Goss

NACWA President

Government Relations Specialist

JEA (Electric, Water & Sewer)

Jacksonville, FL

Theresa Pfeifer

Chair, NACWA Pretreatment and Pollution Prevention Committee

Regulatory Compliance Officer

Metro Wastewater Reclamation District

Denver, CO

Welcoming Remarks

Dean Marriott

NACWA Board Member

Director

City of Portland Bureau of Environmental Services

Portland, OR

Nina DeConcini
Northwest Region Administrator
Oregon Department of Environmental Quality
Portland, OR

Keynote

Trends in Wastewater Treatment

Dr. Kenneth Williamson will provide a history of how wastewater treatment arrived at its present infrastructure and treatment technologies and describe some of their inherent shortcomings that limit options for water reuse. Dr. Williamson will then describe what new technologies the wastewater treatment industry is evolving towards, including a potential “omnivore” treatment system. Dr. Williamson is an Emeritus Professor at Oregon State University with a wealth of technical and policy experience, including many years on Oregon’s Environmental Quality Commission.

Kenneth J. Williamson
Emeritus Professor
School of Chemical, Biological and Environmental Engineering
Oregon State University
Corvallis, OR

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:

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.

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

10:30 – 10:45

Break

Panel Presentation –

Clearing the FOG: Different Strategies for Different Sources

Fats, oils, and greases (FOG) continue to plague sewer systems, and this panel will show how the battle to clear the FOG can be fought on several fronts. In Oregon, utilities worked with the State Plumbing Board on new FOG requirements for food service establishments and are also developing an outreach and education program. The Dallas Water Utilities award-winning “Cease the Grease” recycling program is an example of public education to reduce FOG from domestic sources while also increasing and raising awareness of the energy generated at the wastewater treatment plant.

Moderator/Speaker:

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

Panelists:

Bob Baumgartner
Program Manager, Industrial Pretreatment
Clean Water Services
Hillsboro, OR

Helen Cantril Dulac
Grease Abatement Program, Pretreatment & Laboratory Services
Dallas Water Utilities
Dallas, TX

Dan Parnell
Source Control Manager
City of Gresham
Gresham, OR

Afternoon

12:15 – 1:45

Lunch (on your own)

2:00 – 3:15

*Three Sisters/
Mt. Bachelor*

GENERAL SESSION I (continued)

Opening Remarks

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

Panel Presentation –

Brewing Success: Pretreatment Programs and Breweries

As Americans taste in beer has evolved, microbreweries have become more common all over the country, and new, larger breweries have also been established. From these presentations, you will learn how the pretreatment program in Bend, Oregon, has dealt with discharges from eleven microbreweries, and the work done by the Deschutes Brewery to manage their wastewater.

Moderator:

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

Panelists:

Kelly Graham
Program Manager, Industrial Pretreatment
City of Bend
Bend, OR

Craig Horrell
Utilities Manager
Deschutes Brewery
Bend, OR

Announcements

Theresa Pfeifer
Chair, NACWA Pretreatment and Pollution Prevention Committee

3:30 – 5:00

*Mt. St. Helens, Mt.
Hood, & Mt.
Bachelor*

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

Kerry Britt
Pretreatment Manager
Narragansett Bay Commission
Providence, RI

Region 2

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

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

Region 5

Chris Hall
Superintendent
Metropolitan Sewer District of Greater Cincinnati
Cincinnati, OH

Region 6

Carrie Weir
Industrial Pretreatment Coordinator
City of Temple
Temple, TX

Regions 7 & 8

Doug Mendoza
Metropolitan St. Louis Sewer District

Region 9

Paul 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
San Francisco, CA

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

Evening

6:00 – 7:00

Mt. Hood/

Mt. St. Helens

Reception

Don't miss out on this opportunity to mix and mingle with old and new friends! In addition, we are pleased to once again have Steve Anderson, Water Resources Analyst with Clean Water Services, performing pretreatment-related music during the reception.

Thursday, May 16

Morning

6:30

Lobby

Morning Run through Portland

Join Frank Dick, Industrial Pretreatment Coordinator for the City of Vancouver, for another hour-long run through Portland. As on Wednesday, Frank will take runners on the four-mile Esplanade Trail along the Willamette River. Rain or shine.

8:00 – 4:00

Cascade Foyer

Registration

8:30 – 4:00

Three Sisters/

Mt. Bachelor

GENERAL SESSION II

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 Reduction
- Flushable Wipes and Non-Dispersible Products
- Zero Discharge Categorical Limits
- Fats, Oils & Greases (FOG)
- Quantization 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

Not Your Typical Discharger: Case Studies for Local Limits

Unusual dischargers can create challenges for pretreatment programs when the typical methods for establishing local limits are not directly applicable. These case studies will provide examples of how pretreatment programs have dealt with establishing local limits for old industries – in one case, industries were causing contamination in a combined sewer overflow basin, and in another, sulfate discharges were leading to corrosion, and eventually to a plant upset and a NPDES permit violation. Both of the case studies will provide useful examples and procedures that can be applied to other situations.

Moderator:

Jennifer Moore
Pretreatment Coordinator
Trinity River Authority of Texas
Dallas, TX

Panelists:

Bruce Tiffany
Water Quality Engineer
Industrial Waste Program
King County Department of Natural Resources and Parks
Seattle, WA

Carolyn Fiore
Director, Toxic Reduction and Control
Massachusetts Water Resources Authority
Chelsea, MA

Panel Discussion

PCBs and Triclosan – Is More Regulatory Action Needed?

Although polychlorinated biphenyls (PCBs) and triclosan are regulated chemicals, they are still causing environmental impacts and potential problems for clean water agencies. Production of PCBs was banned in 1979, but the Toxic Substances Control Act (TSCA) still allows inadvertently generated PCBs in products. Triclosan is registered as a pesticide by EPA, but the Food & Drug Administration (FDA) has not limited its uses as an antimicrobial ingredient in soaps and detergents. Adriane Borgias will describe how PCBs are impairing the Spokane River and how TSCA reform is needed to address this issue. Sarah Janssen will describe the latest research about triclosan and the legal action being taken to try to get FDA to take action. Potential NACWA action on both of these issues will be discussed during the Pretreatment & Pollution Prevention Committee meeting.

Moderator:

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

Panelists:

Adriane Borgias
Spokane River Water Quality Lead
Washington Department of Ecology
Spokane, WA

Sarah Janssen
Senior Scientist, Health Program
Natural Resources Defense Council
San Francisco, CA

12:00 – 1:30

Lunch (on your own)

1:45 – 4:00

*Three Sisters/
Mt. Bachelor*

GENERAL SESSION II (continued)

Opening Remarks

Martie Groome
Vice 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 Discussion

Toilets Are Not Trash Cans! Preventing Inappropriate Flushing

Many different types of consumer products are flushed into the sewer system, clogging pipes, pumps, and other equipment and increasing O&M costs for utilities. NACWA, the Water Environment Federation (WEF), and the American Public Works Association (APWA) have joined forces to take a multi-faceted approach to this problem that is affecting utilities across the country, and individual utilities continue to educate the public on the appropriate use of toilets and trash cans. This panel will provide examples of these public education campaigns and the work of the associations to engage manufacturers, retailers, and lawmakers on this problem.

Moderator:

Clayton Brown
Source Control Manager
Clean Water Services
Hillsboro, OR

Panelists:

Frank Dick
Industrial Pretreatment Coordinator
City of Vancouver – Engineering Services
Vancouver, WA

Bobbi Wallace
Surface and Wastewater Manager
City of Kirkland, Department of Public Works
Kirkland, WA

Announcements

Martie Groome
Vice Chair, NACWA Pretreatment and Pollution Prevention Committee

4:15 – 5:30
Mt. Hood/ Mt. St. Helens
NACWA Pretreatment and Pollution Prevention Committee Meeting
All *Workshop* participants are invited to attend this Committee meeting, whether or not they are members of the Committee.

Evening
6:00 – 7:00
Willamette Ballroom
Reception

7:00
Willamette Ballroom
Rails to Ales
Organized by the Oregon Association of Clean Water Agencies
Join other attendees as we explore the micro-brewery side of Portland. We will depart from the hotel and take light rail to several different micro-brew pubs around Portland. Members of ORACWA will be on hand to guide the way!
Please note this is an optional event and not covered by your Registration Fee.

Friday, May 17

Morning
8:30 – 10:30
Cascade Foyer
Registration

9:00 – 11:30
Three Sisters/ Mt. Bachelor
GENERAL SESSION III
Opening Remarks
Theresa Pfeifer
Chair, NACWA Pretreatment and Pollution Prevention Committee

Panel Presentation –

What's the Cure for Pharmaceuticals in Wastewater?

Concerns continue to increase about the environmental and human health impacts of pharmaceuticals in the nation's waters, and reducing the amount of pharmaceuticals in wastewater remains a goal of many utilities. This panel will discuss how a new proposal by the Drug Enforcement Administration (DEA) would expand the options for disposal of controlled substances, allowing mail-back and retail pharmacy drop-off programs for controlled substance and discourage flushing as a disposal method. Wastewater utilities will likely still need to play a role in take-back programs and in getting drop-off and mail-back programs established. Panelists will look at what has worked in the past, along with the work that still needs to be accomplished.

Moderator:

Ed Gottlieb
Chair, Tompkins County Coalition for Safe Medication Disposal
Industrial Pretreatment Coordinator
City of Ithaca Department of Public Works
Ithaca, NY

Panelists:

Dave Galvin
Hazardous Waste Program Manager
King County Department of Natural Resources and Parks
Seattle, WA

Janet Gillaspie
Executive Director
Oregon Association of Clean Water Agencies (ACWA)
Portland, OR

Melody LaBella
Central Contra Costa Sanitary District

Panel Discussion

Going with the Flow: Pretreatment Programs Accepting Stormwater

As EPA nears its proposal of new regulations for stormwater controls and the impacts of stormwater pollution on water quality become more well-known, pretreatment programs are increasingly asked to take on responsibility for stormwater. Runoff from industries may be classified as industrial wastewater and require pretreatment, and panelists will present how their programs have managed stormwater from port operations, mobile cleaners, and a horse race track classified as a concentrated animal feeding operation (CAFO).

Moderator:

Despina Strong
Industrial Waste Program Manager
King County Department of Natural Resources and Parks
Seattle, WA

Panelists:

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

Frank Dick
City of Vancouver – Engineering Services

Carolyn Fiore
Massachusetts Water Resources Authority

Closing Remarks

Theresa Pfeifer
Chair, NACWA Pretreatment and Pollution Prevention Committee