



2014 National Pretreatment and  
Pollution Prevention Workshop  
May 14-16, 2014

The Depot Renaissance Minneapolis Hotel  
Minneapolis, Minnesota

**Tuesday, May 13**

*Morning*

7:30 – 4:00                      Registration

*Rock Island Foyer*

8:00 – 5:00

*Rock Island*

**PRETREATMENT PROGRAM TRAINING COURSE**

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/14pretwta](http://www.nacwa.org/14pretwta) for additional information about the training course. *Separate registration is required for the training course.*

**Wednesday, May 14**

*Morning*

7:30 – 4:00                      Registration

*Hiawatha Foyer*

8:30 – 3:15

*Hiawatha 1, 2, 3*

**GENERAL SESSION I**

*Opening Remarks*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

Regulatory Compliance Officer

Metro Wastewater Reclamation District

Denver, CO

*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:*

Alan Aplin  
Assistant Division Manager  
City of Tacoma, Environmental Services Department  
Tacoma, WA

*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.

Seth Heminway  
Water Branch  
Monitoring, Assistance, and Media Programs Division  
Office of Compliance  
Office of Enforcement and Compliance Assurance  
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.

10:15 – 10:30

Break

*Featured Speaker –*

**One Water: Are We Treating Waste or Creating Resources?**

Water utilities are increasingly recognizing and promoting the “One Water” concept – water from all sources should be managed cooperatively to meet economic, social, and environmental needs. Pretreatment and pollution prevention play a vital role in this integrated management approach, protecting the quality of the treated wastewater and the other resources that come from wastewater treatment. Theresa Connor will discuss the current institutional

and regulatory barriers and opportunities for the One Water approach, and how P3 programs can be involved now and in the future.

*Introduction:*

Loudmilla Vertanessian  
Assistant Pretreatment Manager  
City of Los Angeles  
Los Angeles, CA

*Speaker:*

Theresa Connor  
Program Director  
Water Environment Research Foundation  
Alexandria, VA

*Featured Speaker –*

**Preventing Problems from Pesticides – The Research and Regulations**

A recent survey of wastewater utilities found that pyrethroid pesticides were surviving treatment, ranging from primary to tertiary. With pesticides causing more and more environmental issues, what responsibility will POTWs have in preventing problems from pesticides? The latest research about pesticides and POTWs will be presented, along with the efforts by state and federal regulators to link pesticide approvals with water quality impacts.

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

*Afternoon*

12:00 – 1:30

Lunch (on your own)

1:45 – 3:15

*Hiawatha 1, 2, 3*

**GENERAL SESSION I (continued)**

*Opening Remarks*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Panel Presentation –*

**Controlling Dental Amalgam, With or Without a National Rule**

While pretreatment programs continue to wait for news on whether or not EPA will formally propose its draft dental amalgam separator rule, utilities continue to make progress on controlling discharges of dental amalgam with their own programs. Utility representatives will provide their tips and lessons learned in starting and operating voluntary and mandatory dental amalgam separator programs, which can assist other utilities that are considering instituting a program. In addition, the concept of a “national review committee” to identify

properly certified amalgam separators and streamline the work of utilities will be discussed.

*Moderator:*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Panelists:*

John Gilkseon

Principal Planner

Minnesota Pollution Control Agency

St. Paul, MN

Peter Berglund

Principal Engineer

Industrial Waste & Pollution Prevention Section

Metropolitan Council Environmental Services

Minneapolis, MN

Kerry Britt

Pretreatment Manager

Narragansett Bay Commission

Providence, RI

*Announcements*

Theresa Pfeifer

*Chair, NACWA Pretreatment and Pollution Prevention Committee*

3:30 – 5:00

**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

Kerry Britt

Narragansett Bay Commission

*Regions 3 and 4*

Ron Johnson

Chief of Pretreatment & Pollution Prevention

Hampton Roads Sanitation District

Virginia Beach, VA

*Region 5*

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

Ralph Erickson  
Pretreatment Coordinator  
Madison Metropolitan Sewerage District  
Madison, WI

*Region 6*

Carrie Weir  
Industrial Pretreatment Coordinator  
City of Temple  
Temple, TX

*Region 7 & 8*

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

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

*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

*Hiawatha 1, 2*

Reception

## Thursday, May 15

*Morning*

8:00 – 4:00

Registration

*Hiawatha Foyer*

8:30 – 4:00

### **GENERAL SESSION II**

*Hiawatha 1, 2, 3*

*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*

#### **Microbeads & More: How Can We Reduce Consumer Product Contributions to Pollution?**

Consumer products can be a significant source of pollutants that pretreatment programs cannot regulate. While wastewater utilities have been concerned about some product ingredients, such as triclosan and phosphates, for years, new consumer product hazards continue to emerge, such as plastic microbeads that are now being found in the Great Lakes. Panelists will discuss efforts to control microbeads and other consumer product pollutants, including public education, state legislation, and efforts by manufacturers to improve the environmental safety of their products. The research and use of “green chemistry” for pollution prevention will also be discussed.

*Moderator/Speaker:*

Melody LaBella

Central Contra Costa Sanitary District

*Panelists:*

Stiv Wilson  
Director of Communications and Campaigns  
The 5 Gyres Institute  
Santa Monica, CA

Jonathan Rivin  
Pollution Prevention & Waste Management Specialist  
UW Extension-Solid & Hazardous Waste Education Center  
University of Wisconsin-Stevens Point  
Stevens Point, WI

*Panel Discussion*

**Wastewater and Wipes: Adversaries or Allies?**

In recent years, wastewater utilities have seen increasing volumes of wipes and other non-dispersible products that are inappropriately flushed, resulting in costly and time-consuming clogs and overflows. The increased media attention on these problems has presented wastewater utilities and wipes manufacturers as adversaries, but the associations that represent the two industries have embarked on new collaborative efforts this year to educate the public and resolve issues on the definition of flushability and proper labeling of products. The current efforts will be presented, as well as potential future steps to reduce problems for utilities.

*Moderator/Speaker:*

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

*Panelists:*

Steve Ogle  
Director of Technical Affairs  
INDA – Association of the Nonwoven Fabrics Industry  
Cary, NC

Cynthia Finley  
Director, Regulatory Affairs  
National Association of Clean Water Agencies  
Washington, DC

11:45 – 1:15

Lunch (on your own)

1:30 – 4:00

*Hiawatha 1, 2, 3*

**GENERAL SESSION II (continued)**

*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 Discussion*

#### Law & Order: Illegal Dumping Unit

Illegal dumping into the sewer system can cause frustrating problems for utilities and their pretreatment programs. Panelists will present how they discovered the illegal activity, their investigations, the criminal proceedings, and the lessons learned that can be used by other utilities. Case studies of illegal practices by hauled waste handlers will be presented, including dumping of PCBs into the sewer system that resulted in contaminated biosolids, as well as case study of an illegally discharging business connected directly to the sewer system.

#### *Moderator:*

Dave Snyder  
Industrial Waste Section Head  
Sanitation Districts of Los Angeles County  
Whittier, CA

#### *Panelists:*

Eileen Gers  
Industrial Pretreatment Supervisor  
City of Grand Junction  
Grand Junction, CO

Ray Orvin  
Executive Director  
Renewable Water Resources  
Greenville, SC

Arnaud Girard  
Compliance Investigator  
Industrial Waste Program  
King County Wastewater Treatment Division  
Seattle, WA

### *Announcements*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*



4:15 – 5:30  
*Rock Island*  
*Evening*  
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.

6:00 – 7:00  
*Hiawatha 1, 2*  
Reception

## **Friday, May 16**

*Morning*  
8:00 – 10:30  
*Hiawatha Foyer*  
Registration

### 8:30 – 11:00 **GENERAL SESSION III**

*Hiawatha 1, 2, 3*  
*Opening Remarks*  
Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

#### *Featured Speaker*

#### **Digesting Food Waste: Creating a Resource from Leftovers**

Utilities across the country are searching for ways to increase their energy production, and many are turning to food wastes to produce more methane in their anaerobic digesters. Panelists will explore the various options available to utilize this waste as a resource, including use of wastes from food processors, restaurants, and other commercial establishments and institutions, as well as encouragement of food collection from single family homes and apartment buildings. The benefits and drawbacks of the different approaches will be discussed, along with the financial aspects of implementing the programs and increasing energy production.

#### *Introduction:*

Paul Ebert  
Regulatory Compliance Team Leader  
Des Moines Wastewater Reclamation Facility  
Des Moines, IA

#### *Speaker:*

Michael Keleman  
Manager of Environmental Engineer  
InSinkErator  
Racine, WI

9:15 – 9:30  
Break

*Panel Presentation –*

**Ashes to Ashes, Dust to Wastewater... Bio-Cremation and Pretreatment**

The process of alkaline hydrolysis, commonly known as “bio-cremation,” is being marketed and used as a disposal alternative for human and animal remains at hospitals, veterinary centers, and funeral homes. This panel will present a wide variety of perspectives on the use of bio-cremation. A manufacturer of the equipment will explain the bio-cremation process and a funeral home and hospital representative will describe their uses of the equipment. The pretreatment programs that regulate the hospital and funeral home will also be on hand to explain their experiences with accepting the bio-cremation discharge.

*Moderator:*

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

*Panelists:*

Sandy Sullivan  
Managing Director  
Resomation Ltd.  
Glasgow, Scotland

Jason Bradshaw  
Vice President/Chief Operating Officer  
Bradshaw Funeral and Cremation Services  
Stillwater, MN

Peter Berglund  
Metropolitan Council Environmental Services

Terry Regnier  
Director of Anatomical Services  
College of Medicine, Mayo Clinic  
Rochester, MN

David Lane  
Environmental & Regulatory Affairs  
Rochester Water Reclamation Plant  
Rochester, MN

*Closing Remarks*

Theresa Pfeifer  
*Chair, NACWA Pretreatment and Pollution Prevention Committee*

*Afternoon*

12:00 – 2:30

### Optional Field Trip to Bradshaw Funeral Home

Bradshaw Funeral Home is offering *Workshop* participants to opportunity to tour their facility and learn more about the alkaline hydrolysis (“biocremation”) process and equipment. Space is limited for this field trip – if you are interested in attending, please email Cynthia Finley at [cfinley@nacwa.org](mailto:cfinley@nacwa.org).