



2023 National Pretreatment Workshop + Training

May 16-19 | The Grove Hotel | Boise, ID

All meeting rooms are located on the 2nd floor unless otherwise noted.

As of May 16, 2023

Tuesday, May 16

7:30 – 4:00

Landing

Registration

8:00 – 5:00

Evergreen

TRAINING COURSE: Pretreatment 101 – 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. The [Agenda](#) has more information about this course. **Separate registration is required.**

8:00 – 5:00

Cedar

TRAINING COURSE: Advanced Local Limits

This optional, full-day training course will provide an in-depth focus on local limits, answering all the “who, what, when, where, why, and how” questions about local limits. The [Agenda](#) has more information about this course. **Separate registration is required.**

8:00 – 5:00

Aspen

TRAINING COURSE: Industrial Sampling and Quality Control

This optional, full-day training course will provide a focus on wastewater sampling and monitoring associated with Industrial Pretreatment Program compliance, with additional discussion focused on quality assurance, ethics, and how the data is utilized. The [Agenda](#) has more information about this course. **Separate registration is required.**

Wednesday, May 17

6:30

Hotel Lobby

Morning Run/Walk through Boise

Join fellow *Workshop* participants for an hour of exercise to begin your day. Runners and walkers of all levels are invited – we will divide into groups of different paces. Rain or shine, please meet us in the lobby!

7:30 – 11:30

Landing

Registration

8:30 – 8:45

Grand Ballroom

Introductory Remarks

Frank Dick, Co-Chair, Pretreatment & Pollution Prevention Committee
Sewer and Wastewater Engineering Supervisor
City of Vancouver, Department of Public Works | Vancouver, WA

Opening Remarks

Adam Krantz, Chief Executive Officer
NACWA | Washington, DC

Welcoming Remarks

Steve Burgos, Director of Public Works
City of Boise Public Works | Boise, ID

8:45 – 9:45

Grand Ballroom

National Pretreatment Program and Effluent Guidelines Update

US Environmental Protection Agency (EPA) Headquarters staff will update Workshop attendees on national issues affecting the pretreatment programs at utilities. The latest Effluent Limitations Guidelines (ELG) Program Plan will be discussed, including the studies that EPA is conducting on the Meat & Poultry Products and Metal Finishing categories, and a proposed study of POTW discharges to utilities.

Jan Pickrel, National Pretreatment Team Coordinator
Water Permits Division, Office of Wastewater Management
Office of Water
US Environmental Protection Agency | Washington, DC

Doruntinë Rexhepi, Environmental Engineer
Engineering and Analysis Division, Office of Science and Technology
Office of Water
US Environmental Protection Agency | Washington, DC

Rebecca Christopher, Biologist
Office of Water
US Environmental Protection Agency | Washington, DC

9:45 – 10:00

Networking Break

10:00 – 10:45

Grand Ballroom

PFAS Regulation: Impacts on Pretreatment Programs

Regulation of PFAS by the federal government has been slow in coming compared to state actions, but EPA is now developing and proposing regulations to tackle PFAS on many fronts. EPA has proposed rules to designate certain PFAS as hazardous substances under Superfund and to set Maximum Contaminant Levels (MCLs) in drinking water. The Agency has also published a memo to provide guidance on how the states can address PFAS through discharge permits and the pretreatment program. The session will focus on the proposals and other federal actions related to PFAS and their potential impact on pretreatment programs.

Nathan Gardner-Andrews, Chief Advocacy & Policy Officer
NACWA | Washington, DC

Rebecca Christopher, US Environmental Protection Agency

Jan Pickrel, US Environmental Protection Agency

Erica Kalve, Senior Engineering Geologist
California State Water Resources Control Board | Sacramento, CA

10:45 – 11:45

PFAS Source Control: Industrial and Commercial Initiatives

In the absence of federal regulations on PFAS, Clean Water Services has moved forward with its own source control efforts. The utility's "lighter touch" source control approach targets potentially high nondomestic sources and areas through focused outreach, proactive mitigation, and includes sewer-shed specific industrial PFAS management plans. This pollution prevention approach will play an instrumental role in reducing PFAS loading, build resiliency into our sampling data, support proactive mitigation at nondomestic sources, and support future stakeholder engagement efforts through creation of measurable metrics.

Alexandria Bluemmel, Environmental Services Specialist
Clean Water Services | Hillsboro, OR

Marney Jett, Environmental Services Specialist
Clean Water Services | Hillsboro, OR

11:45 – 1:45

Lunch (on your own or optional networking lunch)

Whether you are attending the *Workshop* for the first time or are a repeat attendee, the optional networking lunch will be a chance to get to know some new people and share conversations over lunch. Register using the link in your *Workshop* confirmation email to be included in a networking group. We will assign you to a small group and provide a list of nearby restaurants. Each participant will be responsible for paying for their own lunch.

1:30 – 4:00

Landing

Registration

1:45 – 1:50

Grand Ballroom

Opening Remarks

Kerry Britt, Co-Chair, Pretreatment & Pollution Prevention Committee
Narragansett Bay Commission | Providence, RI

1:50 – 3:10

Grand Ballroom

PFAS: A Deeper Dive into Potential Pretreatment Program Actions

As EPA and the states continue to develop regulations to control PFAS, pretreatment programs will likely be asked to do more to limit the amount of PFAS in wastewater influent. This session will take a deeper dive into the questions that will determine the most effective pretreatment actions: What is the national PFAS data revealing in terms of the sources of PFAS that can be effectively controlled through pretreatment programs? Which industries discharge the most PFAS compounds of concern, and PFAS precursors of concern? What BMPs and treatment technologies can industries realistically implement to significantly reduce their PFAS discharge? Should PFAS local limits evaluations be conducted differently than other local limits?

John Shaffer, Chief Executive Officer/Principal
EEC Environmental | Orange, CA

Bob Griffin, Vice President – North Carolina
CDG, Inc. | Charlotte, NC

3:10 – 3:30

Grand Ballroom

To Flush or Not to Flush? Wiping Out the Confusion

For over a decade, consumers have been confused about how to dispose of wipes. Thanks to new state laws, clear “Do Not Flush” labeling on packages of baby wipes, cleaning wipes, and other types of wipes not designed to be flushed is now making it clear that these wipes do not belong in the toilet. Learn the latest about state laws on wipes labels, what is developing at the federal level, and how the issue of flushability is being addressed internationally.

Frank Dick, *Co-Chair, Pretreatment & Pollution Prevention Committee*

3:30 – 3:45

Networking Break

3:45 – 5:15

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 and experts will be on hand to take your questions.

5:30 – 6:30

*The Terrace,
4th Floor*

Welcoming Reception

This complimentary reception is open to all *Workshop* participants.

Thursday, May 18

6:30

Hotel Lobby

Morning Run/Walk through Boise

Join fellow *Workshop* participants for another hour of running or walking through Boise. Rain or shine, please meet us in the lobby!

8:00 – 11:30

Landing

Registration

8:30 – 9:30

Grand Ballroom

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:

- Best Management Practices & Site-Specific Limits
- Centralized Waste Treatment Facilities
- Electronic Data Management & Mobile Apps
- Fats, Oils & Greases (FOG)
- Local Limits Development & Enforcement
- Microbreweries, Craft Distilleries, & Wineries
- PFAS, PFOA, PFOS, etc.
- Zero Discharge & Non-Significant Categorical Industrial Users
- Pollution Prevention & Source Control
- Mercury Minimization & Dental Amalgam Programs

- Extra Strength Surcharges
- Hauled Waste

9:30 – 9:45

Networking Break

9:45 – 9:50

Grand Ballroom

Opening Remarks

Frank Dick, Co-Chair, Pretreatment & Pollution Prevention Committee

9:50 – 11:45

Grand Ballroom

The Worst-Case Scenario: Pretreatment Investigations and Responses to Inhibition

It's every pretreatment program's nightmare: a discharge from an industrial user causes a disruption at the treatment plant. This case study will take a detailed look at the events that led to the inhibition, the impacts of the discharge to the treatment process, the actions taken by the pretreatment program to investigate the problem, and the resulting enforcement actions.

Sarah Daley, Environmental Compliance Supervisor
Charlotte Water | Charlotte, NC

Joseph Fielding, Manager, Regulatory Services & Compliance
Trinity River Authority | Dallas, TX

Maurice Akech, Superintendent - Water Utility
City of Dallas Water Utilities | Dallas, TX

Jennifer Moore, Senior Manager,
Systems Operations and Maintenance
Trinity River Authority | Arlington, TX

11:45 – 1:45

Lunch (on your own or optional networking lunch)

Similar to Wednesday, *Workshop* participants will have the option to be assigned to a small group for a networking lunch.

1:30 – 3:30

Landing

Registration

1:45 – 1:50

Grand Ballroom

Opening Remarks

Kerry Britt, Co-Chair, Pretreatment & Pollution Prevention Committee

1:50 – 3:30

Grand Ballroom

Pretreatment and Water Reuse: A Match Made for the Environment

Pretreatment programs are essential in supporting both potable and non-potable water reuse projects. With interest in water reuse growing across the country, it is important to understand the capabilities of pretreatment to protect the ability of communities to rely on water reuse. This session will explore how local limits can be tailored to water reuse, and provide a case study of pretreatment's role in the City of Boise's Recycled Water Program.

Joshua Balentine, Manager, National Pretreatment Technical Lead
Brown and Caldwell | Memphis, TN

Austin Walkins, Source Control Manager
City of Boise Public Works | Boise, ID

Mike Martin, Chief of Pretreatment & Pollution Prevention
Hampton Roads Sanitation District | Virginia Beach, VA

3:45 – 5:15

*River Fork,
3rd Floor*

NACWA Pretreatment Committee Meeting

All *Workshop* participants are invited to attend this meeting, whether or not they are members of the Committee.

5:30 – 6:30

*The Terrace,
4th Floor*

Reception

This complimentary reception is open to all *Workshop* participants.

Friday, May 19

6:30

Hotel Lobby

Morning Run through Boise

Join fellow *Workshop* participants for a final hour of running or walking through Boise. Rain or shine, please meet us in the lobby!

8:15 – 10:30

Landing

Registration

8:30 – 9:30

Grand Ballroom

Pretreatment Issues Roundtable Discussions – Round 2

Using the same format as the roundtable session on Thursday morning, this second roundtable will provide an additional opportunity for *Workshop* participants to choose a pretreatment issue to discuss with other pretreatment professionals. Pretreatment issues for discussion will include the following:

- Best Management Practices & Site-Specific Limits
- Centralized Waste Treatment Facilities
- Electronic Data Management & Mobile Apps
- Fats, Oils & Greases (FOG)
- Local Limits Development & Enforcement
- Extra Strength Surcharges
- Microbreweries, Craft Distilleries, & Wineries
- PFAS, PFOA, PFOS, etc.
- Zero Discharge & Non-Significant Categorical Industrial Users
- Pollution Prevention & Source Control
- Mercury Minimization & Dental Amalgam Programs
- Hauled Waste

9:30 – 9:45

Networking Break

9:45 – 9:50

Grand Ballroom

Opening Remarks

Frank Dick, Co-Chair, Pretreatment & Pollution Prevention Committee

9:50 – 10:15

Grand Ballroom

Vape Juice Manufacturers: What Pretreatment Programs Need to Know

The popularity of vaping continues to grow, and more utilities may be finding that they have a vape juice manufacturer in their service area. While at first glance these manufacturers might not seem like a concern, pretreatment

programs need to pay attention to them. In this session, you will learn more about these manufacturers and why your pretreatment program shouldn't ignore them.

Terry Alber, IPDES Biosolids & Pretreatment Analyst
Idaho Department of Environmental Quality | Boise, ID

10:15 – 10:55
Grand Ballroom

Strategies for Working with Industries to Manage System Capacity

Utilities have two fundamental approaches to choose from when managing industrial capacity allocations: regulatory-based or market-based. While many utilities choose a regulatory-based strategy, a market-based strategy can incentivize industrial customers to efficiently buy and use system capacity. This session will explore the lessons learned by the City of Nampa, Idaho, which has used this strategy for a decade.

Matthew Gregg, Western Business Unit Client Services Director
Brown and Caldwell | Boise, ID

10:55 – 11:25
Grand Ballroom

Using the Powers of Persuasion to Create Collaborative Compliance

Regulatory agencies face an enduring dilemma: is compliance best achieved by punishing regulatory violations when they are detected, or is the best policy to persuade by means of education, exhortations, and collaboration to deter harmful business practices? There are many ways behavioral science can be leveraged to encourage compliance within a business community. This session will explore these principles and provide examples of the successful application of persuasion techniques within local environmental compliance programs.

Andria Hannegan, Pretreatment Coordinator
City of Sumner | Sumner, WA

11:25 – 11:30
Grand Ballroom

Closing Remarks

Frank Dick, Co-Chair, Pretreatment & Pollution Prevention Committee

12:30 – 3:30

Optional City of Boise Recycled Water Program Tour

The City of Boise Public Works is offering a tour of its Recycled Water Program. This free tour is optional, but space is limited and advance registration is required. Please contact Cynthia Finley at cfinley@nacwa.org for more information and to sign up.