



09/28/2021

OESAC / CEU Committee
P.O. Box 577
Canby, OR 97013-0577

Dear CEU Committee:

As has been the case for past 28 years, the Pacific Northwest Pretreatment Workshop has brought together municipal, state, and federal wastewater and pretreatment staff from cities in Oregon, Idaho, Washington, and Alaska. The attendees (approximately 150) are mostly municipal employees responsible for administering Industrial Pretreatment Programs under 40 CFR 403. Under this program, pretreatment staff administer and enforce industrial discharge permits, monitor industrial discharges, develop local limits and implement other programs as needed to protect the publicly owned treatment plants, collection system, and workers.

This year, the pretreatment workshop is applying for 2.0 Wastewater and Collection System CEU's with the Oregon Environmental Services Advisory Council (OESAC). The 2021 Pacific Northwest Source Control Workshop will be held as a virtual training event held as a five part webinar series on November 3rd, 4th, 9th, 10th and 16th. The following is a brief outline of the presentations for the Annual Pacific Northwest Source Control Workshop and course timelines:

Keynote Kick-Off

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

Ms. Finley will welcome attendees and discuss the work that has been done through the National Association of Clean Water Agencies within the wastewater community in recent years. She will highlight work with wipes campaigns, outreach and education, industrial wastewater treatment and other treatment plant related work performed.

(1.0 Hour)

EPA Update

Jan Pickrel
National Pretreatment Coordinator

**EPA Headquarters
Washington, DC**

Ms. Pickrel will give a presentation on the status of EPA's pretreatment program from a national perspective. She will discuss the status of categorical pretreatment regulations as well as any new proposed regulations or changes to existing standards. Ms. Pickrel will also provide insight on the direction of the program and oversight activities.

(1.0 Hour)

Compliance Guidance, Part 1 and 2

**Al Garcia
National Pretreatment Coordinator
EPA Region 8
Denver, CO**

This two part series of 1-hour presentations is intended to discuss compliance guidance within a Pretreatment program and the authority that the Pretreatment personnel to implement the field and programmatic activities of the Pretreatment program.

Pretreatment is a diverse program that requires a person to know the regulations and legal authorities while gathering expertise in the art of communicating to the public, government, and different levels and positions at industry. In addition to discussing the regulations and authority to implement the Pretreatment field and administrative activities, the presenter will provide real life and humbling stories about trying to gather expertise in the program.

(2.0 Hour)

Industry Specific Inspection

**Lindsay Cowles
Industrial Pretreatment Program Coordinator
Salt Lake City Corporation
Salt Lake City, UT**

Conducting inspections is part art, science, communication, and a large part preparation. Inspections are a fundamental tool for evaluating user compliance with federal, state, and local pretreatment standards and regulations and help accomplish the Pretreatment Program goal of preventing pass-through and interference at POTWs. While the fundamentals of an inspection remain, the vastly different industry types and wastewater treatment processes encountered can each present a unique challenge to Pretreatment Program inspectors. This presentation highlights various categorical processes found within any sewer jurisdictions and provides some important questions to ask to help inspectors focus on specific needs of those industries and identify possible deficiencies.

(1.0 Hour)

FOG Removal from Wastewater Stream Used for Biodiesel Feedstock

**Angela Walker,
Pretreatment Compliance Coordinator
Brunswick-Glynn Water and Sewer Commission
Brunswick, GA**

This presentation will provide information and background for a project that utilized FOG from a wastewater stream to be reused as biodiesel and feedstock.

(1.0 Hour)

NSCIU Identification and Permitting: Case Study

**Julie Dufresne
LOTT Clean Water Association
Olympia, WA**

How we identified a categorical user. The tools we used to find them, the survey, what the inspection showed us, and permitting them. What we learned along the way and how they are doing today.

(1.0 Hour)

EPA Enforcement Case Study, Industrial Pretreatment

**Eric Martinson,
Resident Agent in Charge
Criminal Investigation Division, US EPA
Portland, OR**

Mr. Martinson will give a presentation on a plating shop that was discharging to an approved POTW in violation of pretreatment standards after employees tried to fool inspectors with non- functioning equipment. The plating shop's owner also made multiple false statements in an attempt to illegally dispose of hazardous wastes as non-hazardous waste in order to save money.

(1.0 Hour)

FOG Reuse – Processing to Reduce Impact to WWTP

**Erik Mitchell
Nancy Sage
SeQuential Environmental**

Portland, OR

SeQuential Oils representatives will talk about the process of reusing FOG to keep it out of the collection system and to minimize impact on WWTP.

(1.0 Hour)

Regulating Craft Breweries

Joshua Balentine
Industrial Pretreatment Program Technical Lead
Brown and Caldwell
Memphis, TN

Craft Breweries are a growing trend across the country with almost 9,000 craft breweries, compared to just over 1,800 ten years ago. With this growing trend, wastewater utilities across the country are having to deal with waste streams that are high in conventional pollutants and can create corrosive conditions in the collection system. In this presentation, we will discuss expected loadings, pH swings, and how pretreatment programs can manage these discharges to prevent pass through, interference and upset at the wastewater treatment plant.

(1.0 Hour)

State Regulatory Update

David Knight
State Pretreatment Coordinator
Washington State Department of Ecology

Etsegenet Belete
State Pretreatment Coordinator
Oregon Department of Environmental Quality

Ms. Belete and Mr. Knight will be providing regulatory and policy updates of the Industrial Pretreatment Program and the Clean Water Act on a state level.

(1.0 Hour)

Pretreatment Program Audit: Value and Preparation

David James
Technical Program Manager
Pollution Prevention Resource Center

Audits are valuable to any program. Mr. James will outline ways a WWTP Pretreatment Program can prepare for a regulatory audit. He will also cover how to use the audit report to grow and develop the program.

(1.0 Hour)

Dental Amalgam in the Twin Cities in Minnesota

Tina Nelson, PE PMP
Minnesota Metropolitan Council Environmental Services,
Industrial Waste and Pollution Prevention

Ms. Nelson will share about dental amalgam separator monitoring programs in the Twin Cities area. She will cover ways the MMCES have worked to keep mercury out of the wastestream and out of biosolids. (1.0 Hour)

Industrial Wastewater Monitoring

Ken Naviti,
Bainbridge Associates
Seattle, WA

This presentation will cover different types of flow meters – bubblers, sonic, mag meter, etc., different types of channels – parshall flume, straight, etc., all in regard to specific types of wastestreams from various industrial users and waste types (i.e. food waste / high in FOG, etc.)

(1.0 Hour)

Local Limits Submittal Package Guidance

David Knight
Pretreatment Program Coordinator
Washington Department of Ecology

The basis for initial and updated local limits is typically provided in a ‘submittal package’ which is provided for review by the POTW’s Approval Authority, contributing jurisdictions, and legal advisors. This presentation reviews the content POTWs would want to include in such submittal packages to defend local limits based on: 1) allocation of available loadings 2) meeting prohibitions, 3) minimum treatment technology, and 4) applicable BMPs.

(1.0 Hour)

Pretreatment Program Guidance: Trial and Error

David James
Technical Program Manager
Pollution Prevention Resource Center

Mr. James will share experience from decades in the wastewater field within a pretreatment program. He will present case studies that will inform and guide current pretreatment and wastewater professionals.

(1.0 Hour)

Digitizing POTWs and Water Providers: Advancing the Use of Data in Water Program

Sheli Wright
True Elements

Need Content

(1.0 Hour)

USDA's Water and Environmental Programs for Small Communities

Hal Nielson,
Branch Chief, Program Operations, Rural Utilities Service, Rural Development Agency,
United States Department of Agriculture

Need content.

(1.0 Hour)

Pesticides in Wastewater

Stephanie Hughes, ChE P.E.
Senior Lecturer / Consulting Engineer
ESS Internship Coordinator
Santa Clara University Dept. of Environmental Studies and Sciences

Need Content

(1.0 Hour)

Reducing PFAS Upstream Through Partnership and Policy

Tiffany Skogstrom, Director
MA Office of Technical Assistance (OTA)

Need Content

(1.0 Hour)

On behalf of the Pacific Northwest Pollution Prevention Resource Center (PPRC), the Workshop Planning Committee would like to extend our sincere appreciation for taking the time to make our workshop a great success. For more information about our workshop, please visit our website at www.pnscta.org.

It is at this time that the Pacific Northwest Pretreatment Workshop Planning Committee would like to ask that you consider the 2020 Pacific Northwest Pretreatment Workshop eligibility for 2.0 CEU's. We are offering 20 hours of instruction and have enclosed paid online;

10.0	Hours	\$ 75
10.0	Hours (@\$10/hr)	\$ 100
		<hr/>
		\$ 175

If there are any questions about the Pacific Northwest Pretreatment Workshop, please contact Andria Swann at 253-299-5713 or at andrias@sumnerwa.gov. Thank you again.

Determination Letter may be sent to:
City of Sumner, WA
Attention: Andria Swann, Pretreatment Coordinator
1104 Maple St,
Sumner, WA 98390

Sincerely,
Andria Swann

Andria Swann, PNPW Planning Committee Chair

Attached: Course Agenda
Attendance Monitoring Standard Procedure
Speaker Biography (separate PDFs)