



Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Oregon Association of Clean Water Agencies Model FOG Ordinance

Presenter: Jill Hoyenga Title: Regulatory Compliance Manager

Employer: City of The Dalles, OR Address: 1215 W 1st St.

City: The Dalles State: OR Zip: 97058 Phone: (541) 506-2005

Summary of Lesson content: An ordinance to abate fats, oils and grease (FOG) is part of a comprehensive approach to Capacity, Management, Operations and Maintenance (CMOM). FOG abatement is a pretreatment requirement.

The OR-ACWA model ordinance helps utilities adopt an ordinance that collaborates with other jurisdictions.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Jill has worked at the City of The Dalles Public Works Department since 2017. She is responsible for ensuring that the City is in compliance with wastewater regulations.

Education (High School, Upgrades, Colleges and Degrees): Jill earned a Bachelor of Science in Management and a minor in Environmental Studies from Linfield College, Oregon.

Professional Registration/Certification: Jill remains a certified Oregon Water Distribution I as well as an Oregon Cross Connection Specialist.

Related papers/instruction you have presented:

Title: Model FOG Ordinance Date: 8/20/2024 Event: OAWU Summer Classic Conf., Seaside OR

Title: Model FOG Ordinance Date: 6/26/2024 Event: ORWEF Short School, Clackamas, OR

Professional Organizations/Activities:

Oregon Association of Clean Water Agencies FOG Working Group that developed the Date: Year served: 2023

Conference Program Committee Chair for the Pacific Northwest Section of AWWA Date: Years served: 2019-2024

Course sponsor: Pacific Northwest Pollution Prevention Resource Center (PPRC)/Western States Alliance

Signature of Instructor: Jill Hoyenga Digitally signed by Jill Hoyenga Date: 2024.10.03 08:53:34 -07'00' Date: 10/3/2024

DO NOT WRITE BELOW THIS LINE

Date Evaluated: _____ By: _____ Approved: Yes _____ No _____

Return Completed Form To: OESAC CEU COMMITTEE
P.O. Box 577
Canby, OR 97013-0577

Email: info@oesac.org
Phone: 503-698-6486



Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Just the Facts Jack: A Survey of Industrial Discharge Permit Fact Sheets

Presenter: Jill Hoyenga Title: Regulatory Compliance Manager

Employer: City of The Dalles, OR Address: 1215 W 1st St.

City: The Dalles State: OR Zip: 97058 Phone: (541) 506-2005

Summary of Lesson content: The U.S. EPA Industrial User Permit Guidance Manual strongly recommends that

Pretreatment Coordinators write a fact sheet for each permit issued. This presentation shares U.S. EPA guidance as well as a survey of how pretreatment programs throughout Oregon have applied the guidance in practice.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Jill has worked at the City of The Dalles Public Works Department since 2017. She is responsible for ensuring that the City is in compliance with wastewater regulations.

Education (High School, Upgrades, Colleges and Degrees): Jill earned a Bachelor of Science in Management and a minor in Environmental Studies from Linfield College, Oregon.

Professional Registration/Certification: Jill remains a certified Oregon Water Distribution I as well as an Oregon Cross Connection Specialist.

Related papers/instruction you have presented:

Title: Model FOG Ordinance Date: 8/20/2024 Event: OAWU Summer Classic Conf., Seaside OR

Title: Collaborative FOG Enforcement Date: 6/26/2024 Event: ORWEF Short School, Clackamas, OR

Professional Organizations/Activities:

Oregon Association of Clean Water Agencies FOG Working Group Date: Year served: 2023

Conference Program Committee Chair for the Pacific Northwest Section of AWWA Date: Years served: 2019-2024

Course sponsor: Pacific Northwest Pollution Prevention Resource Center (PPRC)/Western States Alliance

Signature of Instructor: Jill Hoyenga Digitally signed by Jill Hoyenga
Date: 2024.10.03 08:53:34 -07'00' Date: 10/3/2024

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Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Practical Brewery Wastewater Solutions

Presenter: John Mercer Title: Owner

Employer: Brewery Wastewater Design Address: 8191 E Helen St.

City: Tucson State: AZ Zip: 85715 Phone: 541-350-4261

Summary of Lesson content: The nature of brewery wastewater and typical characteristics. Some common regulations from towns and some horror stories. We'll also talk about a brewery on septic and more horror stories.

Lastly we will discuss solutions to these problems, simple to expensive.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: John is a global expert in the field of brewery wastewater. John has given may talks over the years, from brewers conferences to pretreatment seminars.

Education (High School, Upgrades, Colleges and Degrees): BS, Environmental Biology, Eastern Illinois University, 1994.

Professional Registration/Certification: Member Brewers Association, Masters Brewers of America, and Arizona Water Association.

Related papers/instruction you have presented:

Title: Practical Brewery Wastewater Soluti Date: Oct 2023 Event: Master Brewers National Conference

Title: Practical Brewery Wastewater Soluti Date: April 2024 Event: Arizona Water Association Conference

Professional Organizations/Activities: _____ Date: _____

See above. _____ Date: _____

Course sponsor: N/A

Signature of Instructor: John Mercer Digitally signed by John Mercer
Date: 2024.10.02 13:05:04 -07'00' Date: Oct 2, 2024

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Date Evaluated: _____ By: _____ Approved: Yes _____ No _____

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Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Understanding NELAC and NEFAP: Ensuring Data Integrity and Ethics in Industrial Pretreatment

Presenter: Nick Jenness Title: Environmental Compliance Analyst

Employer: City of Bend Address: 62975 Boyd Acres Rd

City: Bend State: OR Zip: 97701 Phone: 5412338765

Summary of Lesson content: The presentation will provide an overview of NELAC certification and its field counterpart, NE

It will explore the certification process in detail and highlight our ongoing efforts to become the first NEFAP-certified Field

Sampling and Measurement Program (FSMP) in the state of Oregon.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Over 15 years of experience in laboratory and field sampling.

Extensive knowledge quality control, data analysis and sampling water, soil, and environmental matrices. In-depth knowle

Education (High School, Upgrades, Colleges and Degrees): Bachelor of Science in Biochemistry from George Fox
University

Professional Registration/Certification: _____

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title _____ Date: _____ Event: _____

Professional Organizations/Activities: WEF member Date: 2024

Field Ops Challenge Participant for WEF Tech Date: 10/08/2024

Course sponsor: City of Bend

Signature of Instructor: Nick Jenness Digitally signed by Nick Jenness
Date: 2024.10.04 13:33:39 -07'00' Date: 10/04/2024

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Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Brewery Wastewater Permitting

Presenter: Zachary Foster Title: Environmental Compliance Specialist

Employer: City of Eugene Address: 410 River Avenue

City: Eugene State: OR Zip: 97404 Phone: 541-682-8664

Summary of Lesson content: Brief history, overview, and details about regulations applicable to beer breweries, wastewater volume calculations, constituents, and case studies from currently permitted breweries. Details about options available to regulators including permits, BMPs, Sector Control Docs, etc.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Former Quality Manager at large brewery, and managed wastewater system and permitting, now work for city and manage industrial pretreatment permits

Education (High School, Upgrades, Colleges and Degrees): High School diploma, certifications in automation programming, advanced training in brewery microbiology from Molson Coors Beverage Company

Professional Registration/Certification: _____

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title: _____ Date: _____ Event: _____

Professional Organizations/Activities:

WEF - Water Environment Federation - Member Date: 2023 - Present

OR-ACWA - Member Date: 2023 - Present

Course sponsor: City of Eugene

Signature of Instructor: Zachary Foster Digitally signed by Zachary Foster
Date: 2024.10.03 12:54:35 -07'00' Date: 10/03/2024

DO NOT WRITE BELOW THIS LINE

Date Evaluated: _____ By: _____ Approved: Yes _____ No _____

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Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Pasco Process Water Reuse Facility (PWRF)

Presenter: Steve M. Worley, PE Title: Public Works Director

Employer: City of Vancouver Address: PO Box 1995

City: Vancouver State: WA Zip: 98668-1995 Phone: 360-487-7131

Summary of Lesson content: An overview of the Industrial Symbiosis elements incorporated into Pasco's industrial food processing wastewater pretreatment and disposal system.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: I was the Pasco Public Works Director and managed the PWRF upgrade project.

Education (High School, Upgrades, Colleges and Degrees): Bachelor Degree - Civil Engineering from the University of Alaska, Fairbanks.

Professional Registration/Certification: Professional Engineer - Civil (WA)

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title: _____ Date: _____ Event: _____

Professional Organizations/Activities:

_____, Date: _____

_____, Date: _____

Course sponsor: _____

Signature of Instructor: Steve M. Worley Digitally signed by Steve M. Worley
Date: 2024.10.02 14:35:07 -07'00'

Date: _____

DO NOT WRITE BELOW THIS LINE

Date Evaluated: _____ By: _____ Approved: Yes _____ No _____

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Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: EPA Update

Presenter: Justin Pimpare Title: Regional Pretreatment Coordinator

Employer: US EPA Address: 5 PO Square

City: Boston State: MA Zip: 02109 Phone: 617 918 1531

Summary of Lesson content: EPA Update on national pretreatment issues

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: 32 Years of employment with EPA

Education (High School, Upgrades, Colleges and Degrees): BS Civil Engineering

Professional Registration/Certification: _____

Related papers/instruction you have presented:

Title: EPA Update Date: Sept 2024 Event: North Carolina Pretreatment Consortium

Title: EPA Update Date: Oct 2023 Event: EPA New England Pretreatment Workshop

Professional Organizations/Activities: _____ Date: _____

_____ Date: _____

Course sponsor: _____

Signature of Instructor: JUSTIN PIMPARE Digitally signed by JUSTIN PIMPARE
Date: 2024.10.03 07:28:04 -04'00' Date: 10/3/24

DO NOT WRITE BELOW THIS LINE

Date Evaluated: _____ By: _____ Approved: Yes _____ No _____

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Pacific Northwest Pretreatment Workshop
November 6, 7 & 8, 2023



Presentation and Biographical Information

Presentation and Speaker biographical information will be used by the Conference Planning Committee to apply for conference Continuing Educational Units (CEU) certification. Biographical information may also be used during speaker introductions. Please e-mail this information to **Ken Grimm**, kgrimm@pprc.org or Patrick Bryan, pbryan@pprc.org. If you have any questions, you may contact your PNPW sponsor.

Presentation Title & Abstract:	POTW Criminal Case Study	
Name & Title	Eric Martenson	
Employer	EPA Criminal Investigation Division	
Address	805 SW Broadway, Portland, OR 97205	
Phone & Fax	503 326 3275	
e-mail Address	martenson.eric@epa.gov	
# years in field	22	
Professional Association Memberships		
Education (degree)	School Name	Year
B.S. Government	US Coast Guard Academy	1997
Work History	Company	Year
Officer	US Coast Guard	1997-2002
Reserve Officer	US Coast Guard	2003-2020
Special Agent	US EPA	2002-Present
Other Biographical Information (Interests, Hobbies, etc.)		
Enjoys football season, grilling, skiing, and fly fishing.		



Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Software and the Future of Industrial Pretreatment Program Administration

Presenter: Morgan Crowell Title: Product Manager

Employer: SwiftComply Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Summary of Lesson content: A review of software tools used in pretreatment program administration as well as an exploration of the evolution of these tools.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: 10+ years in water quality, 7 years in industrial pretreatment/

Education (High School, Upgrades, Colleges and Degrees): MS Water Resources Science, Oregon State University
BA Environmental Studies, San Francisco State University

Professional Registration/Certification: Oregon DEQ WW Treatment Op III, Collections Op III

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title: _____ Date: _____ Event: _____

Professional Organizations/Activities:

Date: _____

Date: _____

Course sponsor: _____

Signature of Instructor:  Date: 10/7/24

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Phone: 503-698-6486



Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Small High Strength Dischargers - Identification, Impacts, and Inspections

Presenter: Randy Bean Title: Owner

Employer: RAB Consulting & Services LLC Address: 4310 Oak Hill Road

City: Williston State: VT Zip: 05495 Phone: 802 881-4451

Summary of Lesson content: This class will discuss the issues surrounding small high strength discharges to wastewater treatment facilities. The class will provide information on the identification of these dischargers and their potential impacts on a WWTF, information on how to inspect and sample these dischargers, plus tips to lessen their impacts.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: See attached

Education (High School, Upgrades, Colleges and Degrees): _____

Professional Registration/Certification: _____

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title: _____ Date: _____ Event: _____

Professional Organizations/Activities:

_____ Date: _____

_____ Date: _____

Course sponsor: _____

Signature of Instructor: _____ Date: _____

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Email: info@oesac.org
Phone: 503-698-6486

Randy Alan Bean

Address

4310 Oak Hill
Williston, VT 05495

EDUCATION

Master of Science, Natural Resources Planning – Water Resources Option, September, 1990,
University of Vermont, Burlington, Vermont.

Bachelor of Science, Wildlife and Fisheries Biology, May, 1984, University of Vermont,
Burlington, Vermont.

PROFESSIONAL EXPERIENCE

RAB Consulting & Services LLC, May 2016 – present

- ❖ Provide training classes regarding the impacts of industrial discharges at wastewater treatment facilities for Vermont Rural Water, New Hampshire Department of Environmental Services, and Granite State Rural Water;
- ❖ Provide expert testimony for appellants in Vermont Environmental Court in NPDES discharge permit and Act 250 permit litigation;
- ❖ Assist municipalities in the review, assessment, impact, and sampling of industrial discharges into municipal wastewater treatment facilities;
- ❖ Provide pollution prevention guidance to municipalities and industries to reduce and control process wastewater discharges into municipal wastewater treatment facilities;
- ❖ Review NPDES and Pretreatment discharge permits for municipalities and industries for consistency with state and federal requirements;
- ❖ Assist municipalities in the modification and update of sewer use ordinances and developing surcharges for industrial discharges.

Vermont Agency of Natural Resources, Wastewater Management Division and Watershed Management Division, Environmental Analyst V, September 1990 - December 2015

- ❖ Reviewed applications and prepared NPDES permits for municipalities and industries with effluent limitations based on state and federal requirements;
- ❖ Reviewed applications and prepared Pretreatment discharge permits for industries with effluent limitations based on local, state and federal requirements;
- ❖ Reviewed projects and determined applicability of NPDES and Pretreatment regulations;
- ❖ Drafted and implemented General Permits;
- ❖ Inspected Concentrated Animal Feeding Operations;
- ❖ Assisted Agency of Agricultural, Food, and Marketing with regulation of Concentrated Animal Feeding Operations;
- ❖ Analyzed wastewater and surface water biological and chemical data for determining permit requirements;
- ❖ Reviewed water quality models, data, and engineering plans for permitting municipal, industrial and pretreatment wastewater treatment facilities;
- ❖ Reviewed discharge monitoring reports and assess compliance with permit conditions;
- ❖ Assisted Enforcement Division and the Attorney General's Office in enforcement cases involving discharges, discharge permits, and associated state and federal regulations;
- ❖ Provided expert comment as an Agency staff on the Lake Champlain and Long Island Sound Total Maximum Daily Loads (TMDLs)
- ❖ Provided expert testimony as an Agency witness to the Vermont Environmental Court and Vermont Supreme Court during permit litigation;
- ❖ Provided information for Act 250 project review;
- ❖ Reviewed applications and prepared permits for the discharge of stormwater runoff;

- ❖ Participated in a 2-year EPA-funded project to assess effects of Combined Sewer Overflows (CSOs) on aquatic organisms;
- ❖ Participated in an EPA-funded project to assess effects of Significant Industrial Users (SIU) on municipal wastewater treatment facilities.

Vermont Agency of Natural Resources, Solid Waste Management Division
Hydrogeologist, June 1988 – September 1990

- ❖ Reviewed applications and prepared solid waste management certifications for the disposal or the beneficial reuse of sludge based on state requirements;
- ❖ Assisted Solid Waste Management Districts in planning efforts for the disposal or the beneficial reuse of sludge;
- ❖ Reviewed potential land application sites for the beneficial reuse of sludge;
- ❖ Reviewed monitoring reports and assess compliance with certification conditions;
- ❖ Assisted in enforcement cases involving solid waste certifications and regulations.



Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: PFAS Concerns of Wastewater Treatment Systems

Presenter: Jean Waters Title: Senior Program Manager

Employer: Pollution Prevention Resource Center Address: 8620 Holly Dr., Suite 250

City: Everett State: WA Zip: 98208 Phone: 206-352-2050

Summary of Lesson content: PFAS in wastewater will impact wastewater treatment facilities and their use of biosolids.

Regulatory concerns and sources of PFAS are covered. The presentation is interactive, providing information as well as asking questions about PFAS concerns of the audience. It also covers pollution prevention and best management practice

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Pollution Prevention, wastewater treatment

Education (High School, Upgrades, Colleges and Degrees): B.S. in Food Engineering Technology from Kansas State Univ
M.S. in Chemical Engineering from Kansas State University

Professional Registration/Certification: _____

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title: _____ Date: _____ Event: _____

Professional Organizations/Activities:

Member Society of Omega Chi Epsilon, Chemical Engineering Honorary Date: 1988

Lifetime member American Society Chemical Engineers (AIChE) Date: 1991

Course sponsor: _____

Signature of Instructor: _____ Date: _____

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Pacific Northwest Pretreatment Workshop
October 21-23, 2024



Presentation and Biographical Information

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Presentation Title & Abstract:	All Things Samplers Agenda: About Whitney Equipment and Teledyne ISCO Samplers and Sampling Applications Emerging Markets Current Offerings Sampler Accessories Do's, Don'ts, and Troubleshooting. We will present on types of samplers and accessories to make the sample the best representation of liquid stream.	
Name & Title	Jason Morse, VP of Sales and Service	
Employer	City of Vancouver (Washington)	
Address	2501 Columbia Way Building 9 Suite 300, Vancouver, WA 98661	
Phone & Fax	(360) 694-9175	
e-mail Address	jmorse@weci.com	
# years in field	16	
Professional Association Memberships		
Education (degree)	School Name	Year
Work History	Company	Year
VP of Sales and Service	Whitney Equipment Company	2008- Present
Other Biographical Information (Interests, Hobbies, etc.)		

Pacific Northwest Pretreatment Workshop
October 21-23, 2024



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Presentation Title & Abstract:	Enhancing Pretreatment Program with Smart Utilities and Digital Solutions This presentation will discuss the status quo for pretreatment programs across the country, and detail how these programs can be enhanced with digital solutions. These digital solutions include smart sensors which provide real-time and continuous analysis of water quality parameters such as BOD, TSS, COD, nutrients, and pH. This smart utility network can be expanded to serve as an early warning system for the POTW, such as detecting abnormal loadings discharged from industrial users.	
Name & Title	Joshua Balentine, National Pretreatment Program Technical Lead	
Employer	Brown and Caldwell	
Address	220 Athens Way Suite 500, Nashville, TN 37228	
Phone & Fax	(615) 255-2288	
e-mail Address	JBalentine@brwnncald.com	
# years in field	14	
Professional Association Memberships		
Education (degree)	School Name	Year
	University of Alabama	
Work History	Company	Year
Technical Lead	Brown and Caldwell	2019- Present
Wastewater Engineer	PG Environmental	2019-2019
IPP Manager	City of Memphis	2017-2019
Other Biographical Information (Interests, Hobbies, etc.)		



Instructor Background And Information Form

Thank you for filling out this form.

PFAS Source Control Strategies

Presentation Title:

Amanda McGarry None Presenter: Title:

Clean Water Services 2550 SW Hillsboro Hwy Employer: Address:

Hillsboro OR 97124 503-681-3100 City: State: Zip: Phone:

In this talk, CWS will share the results from sewershed PFAS monitoring, share insights on Summary of Lesson content:

PFAS sources to its wastewater treatment plants, the impacts of effective source control, and what was learned through

the process.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data.

Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Pretreatment program experience implementing effective

source control strategies, leading the CWS Source Control efforts for the PFAS Investigation Team

Education (High School, Upgrades, Colleges and Degrees): Bachelor of Science in Biology from the University of

California, Santa Barbara

Professional Registration/Certification: None

Related papers/instruction you have presented:

Dominant Sources of PFAS to WRRF

9/11/2023

PNCWA 2023 Title:

Date: Event:

Addressing PFAS in the Tualatin Rive 7/25/2024 ACWA Summer Conference Title Date:
Event: _____

Professional Organizations/Activities: 1/31/2023 ACWA Pretreatment Committee Date: _____

_____ Date: _____

Course
sponsor: _____

Instructor: 

Date: 10/2/2027

Signature of
Instructor: _____

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Date
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By: Approved: Yes _____

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Pacific Northwest Pretreatment Workshop
October 21-23, 2024



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Presentation Title & Abstract:	Industrial Pretreatment Program Overview This presentation is intended to discuss the regulatory background of the Pretreatment program and the authority that the Pretreatment personnel to implement the field and programmatic activities of the Pretreatment program.	
Name & Title	Al Garcia – Pretreatment Coordinator	
Employer	EPA Region 8	
Address	1595 Wynkoop	
Phone & Fax	303.312.6382	
e-mail Address	garcia.al@epa.gov	
# years in field	26	
Professional Association Memberships		
Education (degree)	School Name	Year
Bachelor of Science	U. of Northern Colorado	
Work History	Company	Year
	Littleton Englewood Pretreatment Program	1995-2007
	EPA Region 8 Pretreatment Coordinator	2008-Present
Other Biographical Information (Interests, Hobbies, etc.)		
Music, Mountain biking, snowboarding, other sports and life activities where you crash hard		

Sam McLeod Bio

Samuel Mcleod is the director of compliance for FOG BMP Software. Mcleod focuses on working with municipalities and pretreatment programs throughout the U.S. by offering expertise in the area of fats, oils and grease compliance to environmental and plumbing code requirements. Before joining FOG BMP Software, Mcleod served as vice president of EPAS and as Plumbing Division business unit manager of NSF International. He has experience in the fields of grease trap testing/certification, grease trap research/development, wastewater consulting, plumbing codes/standards and environmental compliance. Mcleod holds both a Bachelor of Science degree and Master of Science degree concentrated on the fields of engineering and environmental studies.

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October 21-23, 2024



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Presentation Title & Abstract:	<p>Enforcement case study</p> <p>Enforcement is an important factor within an Industrial Pretreatment Program. Establishing the legal authority to condition or prohibit discharges, to control discharges through permitting, to require periodic reports, to inspect non-domestic facilities and to take enforcement action. The case study gives the opportunity to take a closer look on how enforcement works and improves the program all together.</p>	
Name & Title	Frank Dick, Wastewater Engineering Supervisor	
Employer	City of Vancouver (Washington)	
Address	PO Box 1995, Vancouver, WA 98668	
Phone & Fax	(503) 539-8940	
e-mail Address	Frank.dick@cityofvancouver.us	
# years in field	15	
Professional Association Memberships		
National Assn of Clean Water Agencies – Co-chair of Pretreatment & Pollution Prevention Comm		
Oregon Assn of Clean Water Agencies – Chair of Biosolids & Recycled Water Committee		
Education (degree)	School Name	Year
Chemical Engineering	Washington State University	1982
Work History	Company	Year
Facilities / Env Engineer	SEH America Inc (semiconductor)	'88 - 2002
Other Biographical Information (Interests, Hobbies, etc.)		
Involved worldwide with flushed wipes issues – working with industry and water agency representatives for legislation, standards development		