



Monday, June 20, 2022

3:00 pm - 5:00 pm

[Walk the Path of Clean Water](#)

5:30 pm - 7:30 pm

[Icebreaker Happy Hour](#)

Tuesday, June 21, 2022

8:30 am - 10:00 am

[Opening General Session: Part 1](#)



Primary Speaker: Adel Hagekhalil, General Manager and Chief Executive Officer, Metropolitan Water District of Southern California

Hagekhalil is responsible for leading Metropolitan's daily and long-term operations and planning to provide safe, reliable water to Southern California. He oversees Metropolitan's \$1.9 billion annual budget, 1,800 employees, and extensive system of conveyance, storage, treatment and delivery infrastructure. Adel is a CWEA member, WEF Fellow, and a member of 5S.



Mikaela Randolph, Watershed Coordinator for the Central Santa Monica Bay Watershed Area

In this role she looks forward to supporting communities across this watershed and in the greater Los Angeles region to achieve high water quality outcomes through projects that have multi-benefits with a focus on the most vulnerable and disadvantaged communities.



Katrine Whiteson, Assistant Professor of Molecular Biology and Biochemistry at UC Irvine

Whiteson is interested in human associated microbial and viral communities. She uses metagenomics, metabolomics, microbial genetics and ecological statistics to answer questions about how microbes and viruses affect human health. Her interests are in understanding how individual and persistent human-associated microbial and viral communities affect health.

10:15 am - 11:30 am

Opening General Session: Part 2

Learning Objective(s): After participating in this session, attendees will be able to:

- Learn about the Clean Water Act.
- Interact with your peers in your profession, getting to know them, as you try to determine answers to the trivia questions.
- Test your knowledge of the Clean Water Act and its requirements.



Primary Speaker: John Boyd, Supervising Industrial Waste Inspector II, LA County Sanitation District

John Boyd is the Supervising Industrial Waste Inspector with the Los Angeles County Sanitation Districts. He has a Bachelor of Science in Geology from the University of California at Los Angeles (UCLA) and is certified as a Grade 3 Environmental Compliance Inspector with the CWEA. He has been with the LACSD since 1987 and has 31 years of experience as an Industrial Waste Inspector. He is a past chair of the CWEA Pretreatment, Pollution Prevention, and Stormwater (P3S) Committee.

Panelist: Shannon Simmers, Regulatory Compliance Officer, City of Redlands



Shannon Simmers, Regulatory Compliance Officer for the City of Redlands, CA is responsible for the Pretreatment Program and other regulatory requirements for the City's Municipal Utilities, and Engineering Department. She has worked in the Environmental Compliance Field since 2014. She is a P3S Executive Committee Past Chair and the TCP Training Liaison. She is involved in several projects such as the TCP Train the Trainer program and the CSUS PFI Update Subcommittee. She is also a Subject Matter Expert for the ECI exam and was involved with ECI exam re-validation and revisions to the ECI Study guides.

12:15 pm - 1:30 pm

Lunch: Facility of the Year Awards

2:00 pm - 2:50 pm

State Water Board PFAS Investigative Order and Department of Toxic Substances Control

(DTSC) Update

CWEA Contact Hours: 1



Primary Speaker: Wendy Linck, Senior Engineering Geologist, State Water Resources Control Board

Wendy Linck is a Senior Engineering Geologist at the State Water Resources Control Board (State Water Board). Wendy is leading the State Water Board's response to the PFAS effort in the Division of Water Quality. Wendy graduated with a bachelor's of science degree in Geology from Sacramento State University. She is a California registered professional geologist and certified as a Project Manager Professional by the Project Management Institute.

2:00 pm - 2:50 pm

CSI: Wastewater

Learning Objective(s): After participating in this session, attendees will be able to:

- After participating in this session, participants will be able to identify potential tools that can be used to investigate episodes of industrial user non-compliance.
- After participating in this session, participants will be able to develop and implement documentation and reporting protocols necessary for enforcement actions.
- After participating in this session, participants will be able to observe what other agencies use for investigating non-compliance.

CWEA Contact Hours: 1

Primary Speaker: Gorman Lau, Senior Engineer, Larry Walker Associates



Gorman Lau, P.E. is a Senior Engineer with Larry Walker Associates (LWA) with over 19 years of experience in the environmental engineering field including NPDES permitting, pretreatment, wastewater quality, and water quality sampling. He has assisted over 40 POTWs with pretreatment program development and update including preparing and updating administrative procedures documentation, sewer use ordinances, enforcement response plans, and local limits and supporting pretreatment program implementation with efforts including permitting, inspection, sampling, enforcement, and program audits and inspections. He has also conducted multiple local limits training workshops and sessions for CWEA at local section workshops and at the annual P3S conference. He is based out of the Davis, California office at LWA.

2:00 pm - 2:50 pm

How to Use Human-Centered Design in Outreach and Policy

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand the Human-Centered Design approach and the basic steps in using this process to build an outreach effort.
- Avoid the pitfalls of taking the intuitive environmental problem-solving approach to developing outreach messages.
- Participate in an abbreviated Human-Centered Design practice session.

CWEA Contact Hours: 1

Primary Speaker: Stephen Groner, President, SGA Marketing



Stephen Groner is the founder of SGA Marketing a communications and market research firm that designs outreach programs specifically targeting environmental issues. Now in the firm's 24th year, with offices in LA, San Diego, San Francisco Bay Area and most recently in Baltimore, MD. The firm has received many honors for its work including the prestigious Silver Anvil award from the Public Relations Society of America for the best public service campaign in the country and case studies published in academic textbooks on social marketing. Before starting SGA, Mr. Groner worked for nine-years at LA County as a registered environmental engineer working on technical and policy issues, where he gradually transitioned into the realm of communications and public engagement.

3:00 pm - 3:50 pm

Data Driven Pretreatment & Collection System Management

Learning Objective(s): After participating in this session, attendees will be able to:

- The Audience will learn how wastewater quality early warning system can support decision making at the treatment plant to prevent upsets and incompliant discharges.
- The Audience will learn how a network visibility tool can improve workforce communication, namely between wastewater treatment plant operators and collection system operators/ pretreatment managers.
- The audience will learn about the differences between a random sampling program to smart, triggered by event sampling

Primary Speaker: Anne-Li Steutel-Maron, Environmental Technology Manager, Kando

Gali Fux joined Kando as the Environmental Technology Manager after gaining broad knowledge of the water industry's trends and pressing issues. Her knowledge comes from working as a consultant for leading water utilities seeking to solve various operational, technical, and organizational challenges through implementing innovative best practices and technologies. In addition, Gali led the WaterEdge.IL community that aims to develop and position the Israeli Water ecosystem as a global leader. She has a master's degree (magna cum laude) from the Technion-Israel Institute of Technology's Faculty of Civil and Environmental Engineering, and an MBA from Tel Aviv University.

3:00 pm - 3:50 pm

Latest PFAS Investigation GeoTracker Data Observations and Treatment Technologies for the Water/Wastewater Sector

Primary Speaker: Roshan Alfaki

3:00 pm - 3:50 pm

Public Outreach

- Learning Objective(s): After participating in this session, attendees will be able to:
Understanding on the need to provide Public Outreach.
 - Understanding and ideas on funding Public Outreach.
 - Understanding material commonly used for Public Outreach.
- CWEA Contact Hours: 1



Primary Speaker: Edwin Alonzo, Sr Environmental Control Tech, City of Fontana

Edwin Alonzo, EC11, Sr Environmental Control Tech, City of Fontana. Edwin has been in the environmental field for 18 years. He oversees Street Sweeping program, Household Hazardous Waste Facility, Solid Waste Program, Emergency Response for the City of Fontana. Prior to working for the City of Fontana he worked for the University of California Riverside and Waste Management. He served in the United States Marine Corps as a Nuclear, Biological, Chemical Defense Specialist. In his free time he coaches football, baseball, and softball.

4:00 pm - 4:50 pm

Flow Monitoring Technologies for Industrial Discharge Monitoring

Learning Objective(s): After participating in this session, attendees will be able to:

- Upon completion participants should have a better understanding of questions to ask an industrial user when doing a site survey to determine the type of flow technology and installation needed
- Upon completion participants should have a better understanding of things to look for when doing a site survey to determine the type of flow technology needed
- Upon completion participants should have a better understanding of the flow technologies available on the market, and their level of accuracy.

CWEA Contact Hours: 1

Primary Speaker: John Hamilton

4:00 pm - 4:50 pm

Fighting the Good Fight against Wipes and Other Non-Flushables – A Call to Action!

Learning Objective(s): After participating in this session, attendees will be able to:

- Identify the root of the problem with the flushing of non-dispersible products.
- Explain to their customers the work currently being done to combat these issues.

- Report to their agency how they can support the current and future efforts around non-flushables.

CWEA Contact Hours: 1



Primary Speaker: Joe Neugebauer, Environmental Services Manager, West County Wastewater

Joe is the Environmental Services Manager for West County Wastewater in Richmond, CA. He started his career in wastewater in 2007 as a Collections System Operator at the City of Livermore and joined West County Wastewater as the Environmental Compliance Inspector in 2009. He has been active in the Pollution Prevention field for 12 years and currently serves as the Vice-Chair of the Bay Area Pollution Prevention Group (BAPPG), a subcommittee of the Bay Area Clean Water Agencies (BACWA) and is a member of the National Stewardship Action Council Advisory Committee.

4:00 pm - 4:50 pm

PFAS Regulatory and Legislative Updates

Learning Objective(s): After participating in this session, attendees will be able to

- Gain familiarity with how the California Legislature and US Congress are currently pursuing and passing laws related to PFAS, and what obligations and standards your utility may be bound to in the next few years.
- Achieve awareness for how the California EPA and US EPA are studying PFAS, developing regulations, and planning for remediation of heavily contaminated sites, as well as the way your utility's NPDES permit may be the vehicle for some issues.
- Acquire an understanding of broad factors that should be considered by policymakers and utilities as they move further along in their various endeavors for solving challenges PFAS and other contaminants of emergency concern present.

CWEA Contact Hours: 1

Primary Speaker: Jared Voskuhl, Manager of Regulatory Affairs, CASA



Jared Voskuhl manages CASA's regulatory advocacy program, working on a variety of water quality matters before the California EPA and California Natural Resources Agency related to nutrient management, PFAS, microplastics, aquatic toxicity, recycled water, and infrastructure funding. Prior to joining CASA in 2018, Jared worked in California water policy over three legislative sessions for a local public agency and a state trade association, and he also served as president of the National Association of Graduate-Professional Students. Jared holds a law degree from the University of California, Davis, a Master's degree in Sociology from Northwestern University, and dual Bachelor's degrees in Sociology and English.

Wednesday, June 22, 2022

7:00 am - 8:00 am

P3S Business Meeting & Breakfast

8:30 am - 9:20 am

11 Principles of Leadership

Learning Objective(s): After participating in this session, attendees will be able to:

- Have a working knowledge of proven leadership principles.
- Apply these principles in their daily professional lives.
- Enhance their ability to function as formal or informal leaders

Primary Speaker: John Wilson, Owner, CBL Training and Consulting (CBLTAC)



John is the founder of CBL Training and Consulting. He has served as a sergeant in a major California law enforcement agency where he led a crisis intervention training unit. He has worked patrol, auto theft and drug investigations, general crimes, and as a police academy instructor. He has been certified as a Drug Recognition Expert, homicide investigator, crime scene investigator, wiretap operator, sex crimes investigator, auto theft investigator, narcotics investigator, advanced rural and urban surveillance, and TSA Behavioral Detection among other certifications. Before becoming a peace officer, he was an "Outdoor Adventure Education Supervisor" for an at-risk youth program with the Tulare County Office of Education. He also worked for King's View Center as a "Child Care Worker" for a live-in substance abuse treatment facility in Fresno County. John served as a US Forest Service Wildland Firefighter in the Sierra Nevada mountains in Kings Canyon. John is an honorably discharged, U.S. Army veteran of the 75th Ranger Regiment, the 25th Infantry Division, and an augmented member of the Joint Task Force - Full Accounting (Socialist Republic of Viet Nam). He is currently a Chaplain's Assistant (serving all faiths) and a Military Emergency Management Specialist with the California State Guard (Army). John is certified by the International Critical Incident Stress Foundation, Inc in "Assisting Individuals in Crisis" and "Group Crisis Intervention." John has 1,000s of hours of domestic and international instructional experience from a diverse international spectrum of government organizations, private organizations, and citizens. John graduated Summa Cum Laude from Columbia

Southern University with a Bachelor of Science General Psychology and focuses his practical and educational achievements on tactical bio-psychology and outdoor adventure. John has been married since 1996, has children, enjoys serious outdoor adventure, is an ultra-marathon runner (100 miles), and is an Ironman finisher (140.6).

8:30 am - 9:20 am

An Innovative Approach to Generate Funding and Promote Stormwater Capture and Use

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand the steps involved and effort required to develop a Stormwater Credit Program.
- Recognize the value of and need for regional stormwater treatment systems
- Appreciate the multi-benefit of regional treatment systems.



Primary Speaker: Keith Linker, Principal Civil Engineer, City of Anaheim

Keith Linker is a Registered Professional Engineer in California and is currently a Principal Civil Engineer at the City of Anaheim. Keith earned his BS in Civil Engineering from Penn State University and has worked in the public and private sectors in both Northern and Southern California over the past 30 years. Specializing in water quality regulations and water resources, he develops, refines and manages Anaheim's NPDES Compliance Program with a goal of effective and efficient implementation. Working toward a long term goal of turning a liability into a resource, Keith has pulled together talented consultants to help develop innovative programs and projects to further this goal, while maintaining compliance with regulations.

Speaker: Matt Lentz, Principal and Vice President, GSI Environmental

Mr. Lentz is a Vice President and Principal with GSI Environmental and has more than 20 years of experience providing multi-media compliance support to industry, the public sector, and the legal community. A significant portion of Mr. Lentz' practice involves assisting industrial, municipal and construction industry clients comply with NPDES storm water regulations and development and implementation of their compliance programs. He has also provided support to numerous industrial dischargers faced with third-party enforcement actions related to alleged Clean Water Act noncompliance. As Co-Chair of the CASQA's Industrial Subcommittee and on behalf of clients throughout the state, he has been engaged in the review and comment process of the proposed Industrial General Permit amendments and is working with clients to come up with real world solutions to the challenges of NPDES Permit compliance.

8:30 am - 9:20 am

Where Do I Start? A Blueprint for New Inspectors

Learning Objective(s): After participating in this session, attendees will be able to:

- Ability to understand and complete a program PCI.

- Making changes to your program. Update forms, Use of Asset Management technology.
- You are not alone. Networking with other inspectors.



Primary Speaker: Berlinda Blackburn, Principal, Blackburn Environmental Services

Ms. Blackburn is an environmental compliance and pretreatment program subject matter expert with more than twenty years of experience in the administration and management of formal pretreatment programs in southern California. Ms. Blackburn has managed programs that had both pretreatment compliance inspections (PCIs) and pretreatment compliance audits (PCAs) by the EPA. The outcomes from these events demonstrated the knowledge and skills required for the Pretreatment program goals, which is to meet and exceed the requirements of the general Pretreatment Regulations (40 CFR 403) as well as local and regional regulatory programs.

9:30 am - 10:20 am

Why Environmental Compliance Inspectors and Collections Should Work Together

Learning Objective(s): After participating in this session, attendees will be able to:

- After participating in this session, participants will be able to: Determine how to use collaborative efforts within the departments to streamline efforts
- After participating in this session, participants will be able to: Create interdepartmental cross-training programs within the vocations.
- After participating in this session, participants will be able to: Create better teams and breakdown the silos the can hinder efficiencies.



Primary Speaker: Berlinda Blackburn, Principal, Blackburn Environmental Services

Ms. Blackburn is an environmental compliance and pretreatment program subject matter expert with more than twenty years of experience in the administration and management of formal pretreatment programs in southern California. Ms. Blackburn has managed programs that had both pretreatment compliance inspections (PCIs) and pretreatment compliance audits (PCAs) by the EPA. The outcomes from these events demonstrated the knowledge and skills required for the Pretreatment program goals, which is to meet and exceed the requirements of the general Pretreatment Regulations (40 CFR 403) as well as local and regional regulatory programs.

9:30 am - 10:20 am

Adapting Stormwater Management for Full Trash Capture

Learning Objective(s): After participating in this session, attendees will be able to:

- Interpret California's statewide stormwater trash control policies as they apply to municipal stormwater permittees.
- Translate California's trash capture requirements into municipal stormwater budgeting, planning and implementation.
- Identify opportunities and challenges with stormwater trash capture related to land use, infrastructure and performance monitoring.

Primary Speaker: Justin Gamble, Environmental Officer, City of Oceanside, Water Utilities Department



Justin Gamble is the Environmental Officer for the City of Oceanside Water Utilities Department. He oversees the City's Watershed Protection Program responsible for compliance with municipal stormwater NPDES permits and projects involving waterway protection and habitat restoration. He has a total of 15 years of stormwater regulatory compliance, 10 of which have been with the City of Oceanside. His technical background is in environmental monitoring, ecology and toxicology, and holds a B.A. in Environmental Studies and a Master's degree in Public Administration. His work also involves managing wetland and inland habitat restoration projects, obtaining environmental project grant funding and integrating the City's environmental initiatives with its Climate Action Plan. He is a key coordinator of the Green Oceanside initiative, the City's environmental public outreach program that combines the expertise of Watershed Protection, Water Conservation, Solid Waste/Recycling and Energy Efficiency.

Speaker: Bronti Cash, Environmental Specialist I, City of Oceanside



Speaker: Teresa Lyndon, Assistant Project Scientist, D-Max Engineering

Teresa Lyndon is an Assistant Project Scientist with D-Max Engineering in San Diego. She has a bachelor's degree in Environmental Analysis and Design from UC Irvine and a master's degree in Environmental Science from CSU Chico. Some of her recent projects include selecting feasible locations for full capture systems for Trash Order implementation planning including data management for future annual reporting. She has also prepared equivalent alternative land use memorandums on behalf of several cities, and prepared Track 1 Trash Order submittals in 2018 which included Jurisdictional Map, compliance metrics, and a time schedules.

9:30 am - 10:20 am

Communication and De-escalation

Learning Objective(s): After participating in this session, attendees will be able to:

- Better understand how to engage with people under stress.

- Communicate more effectively in tense situations, or situations that have yet to become tense.
- Apply a simple, formula-based communication technique.

Primary Speaker: John Wilson, Owner, CBL Training and Consulting (CBLTAC)



John is the founder of CBL Training and Consulting. He has served as a sergeant in a major California law enforcement agency where he led a crisis intervention training unit. He has worked patrol, auto theft and drug investigations, general crimes, and as a police academy instructor. He has been certified as a Drug Recognition Expert, homicide investigator, crime scene investigator, wiretap operator, sex crimes investigator, auto theft investigator, narcotics investigator, advanced rural and urban surveillance, and TSA Behavioral Detection among other certifications. Before becoming a peace officer, he was an "Outdoor Adventure Education Supervisor" for an at-risk youth program with the Tulare County Office of Education. He also worked for King's View Center as a "Child Care Worker" for a live-in substance abuse treatment facility in Fresno County. John served as a US Forest Service Wildland Firefighter in the Sierra Nevada mountains in Kings Canyon. John is an honorably discharged, U.S. Army veteran of the 75th Ranger Regiment, the 25th Infantry Division, and an augmented member of the Joint Task Force - Full Accounting (Socialist Republic of Viet Nam). He is currently a Chaplain's Assistant (serving all faiths) and a Military Emergency Management Specialist with the California State Guard (Army). John is certified by the International Critical Incident Stress Foundation, Inc in "Assisting Individuals in Crisis" and "Group Crisis Intervention." John has 1,000s of hours of domestic and international instructional experience from a diverse international spectrum of government organizations, private organizations, and citizens. John graduated Summa Cum Laude from Columbia Southern University with a Bachelor of Science General Psychology and focuses his practical and educational achievements on tactical bio-psychology and outdoor adventure. John has been married since 1996, has children, enjoys serious outdoor adventure, is an ultra-marathon runner (100 miles), and is an Ironman finisher (140.6).

10:30 am - 11:20 am

Rapport-Based Interviews

Learning Objective(s): After participating in this session, attendees will be able to:

- Use elements from the "Wolfson Formula" (communication and de-escalation) to gain rapport and gather information.
- Use investigative skills in a clandestine way to achieve a positive outcome.
- Gain confidence in speaking with people to gather facts and information.

Primary Speaker: John Wilson, Owner, CBL Training and Consulting (CBLTAC)



John is the founder of CBL Training and Consulting. He has served as a sergeant in a major California law enforcement agency where he led a crisis intervention training unit. He has worked patrol, auto theft and drug investigations, general crimes, and as a police academy instructor. He has been certified as a Drug Recognition Expert, homicide investigator, crime scene investigator, wiretap operator, sex crimes investigator, auto theft investigator, narcotics investigator, advanced rural and urban surveillance, and TSA Behavioral Detection among other certifications. Before becoming a peace officer, he was an "Outdoor Adventure Education Supervisor" for an at-risk youth program with the Tulare County Office of Education. He also worked for King's View Center as a "Child Care Worker" for a live-in substance abuse treatment facility in Fresno County. John served as a US Forest Service Wildland Firefighter in the Sierra Nevada mountains in Kings Canyon. John is an honorably discharged, U.S. Army veteran of the 75th Ranger Regiment, the 25th Infantry Division, and an augmented member of the Joint Task Force - Full Accounting (Socialist Republic of Viet Nam). He is currently a Chaplain's Assistant (serving all faiths) and a Military Emergency Management Specialist with the California State Guard (Army). John is certified by the International Critical Incident Stress Foundation, Inc in "Assisting Individuals in Crisis" and "Group Crisis Intervention." John has 1,000s of hours of domestic and international instructional experience from a diverse international spectrum of government organizations, private organizations, and citizens. John graduated Summa Cum Laude from Columbia Southern University with a Bachelor of Science General Psychology and focuses his practical and educational achievements on tactical bio-psychology and outdoor adventure. John has been married since 1996, has children, enjoys serious outdoor adventure, is an ultra-marathon runner (100 miles), and is an Ironman finisher (140.6).

10:30 am - 11:20 am

Industry Perspectives on Municipal Storm Water Inspections

Learning Objective(s): After participating in this session, attendees will be able to:

- After participating in this session, participants will be able to identify key requirements of the state's industrial storm water permit.
- After participating in this session, participants will be able to describe industrial No Exposure facilities.
- After participating in this session, participants will be able to work with industrial dischargers to achieve municipal storm water code compliance.



Primary Speaker: Geoff Knight, CPEA, QISP, Principal Scientist, Yorke Engineering, LLC

Geoff Knight, CPEA, QISP, ToR (B.S., Atmospheric Sciences) Mr. Knight is a QISP and Certified Professional Environmental Auditor with over 30 years experience assisting industrial, commercial and governmental clients with environmental permitting and compliance. His technical expertise includes storm water and wastewater, spill prevention control and countermeasure (SPCC) plans, hazardous materials, and hazardous and solid waste characterization and management. Mr. Knight is also an expert in developing and auditing EHS management systems and has extensive experience assisting clients with transactional processes including environmental due diligence.

10:30 am - 11:20 am

Building a Pretreatment Program from Scratch

Learning Objective(s): After participating in this session, attendees will be able to:

- Create and utilize industrial user surveys
- Modify or build permitting templates
- Explore methods and strategies to construct or modify a pretreatment program



Primary Speaker: Mary Kate Forkan, Staff Professional, GIT, Carollo

Mary Kate Forkan is a GIT in the State of California and a Staff Professional for the Reno office at Carollo Engineers. Kristel Baumgardner-Kranz is a PE in the State of California and a Lead Engineer for the Fresno office at Carollo Engineers. Both are involved in pretreatment projects at Carollo and have worked together on creating a new pretreatment program from scratch, local limit studies, industrial user surveys, and program efficiency analyses.



Speaker: Kristel Baumgardner-Kranz, Lead Engineer, Carollo Engineers, Inc.

Kristel Baumgardner-Kranz, P.E., is a Lead Engineer with Carollo Engineers, Inc. She has been with Carollo for seven years has been a practicing environmental engineer for eight years. Kristel received her Master of Science in Civil and Environmental Engineering from U.C. Davis and her Bachelor of Science in Anthropology from the University of Wyoming. Her project experience includes developing uniform and site-specific local limits for industry dischargers, developing an Enhanced Source Control Program, updating Sewer Use Ordinances, developing permits for industrial dischargers, developing Enforcement Response Plans, and developing and implementing Industrial Waste Surveys.

12:15 pm - 1:30 pm

Lunch: Order of the Silver Cover

1:50 pm - 2:40 pm

Non-Traditional Inspections

Learning Objective(s): After participating in this session, attendees will be able to:

- Recognize the value of specialized inspection tasks to ensure compliance with with Federal Pretreatment Program Requirements (40 CFR 403)
- Discover options for developing an inclusive inspection program
- Incorporate ideas or thought processes into your inspection activities



Primary Speaker: Jason Finn, Industrial Waste Inspector, Los Angeles County Sanitation Districts

My name is Jason Finn and I am an Industrial Waste Inspector with the Sanitation Districts of Los Angeles County. I have worked at The Districts for 20 years starting out as a Lab Technician in the microbiology group. I graduated from Cal State University Long Beach with a BS degree in medical microbiology with a minor in chemistry. I have spent the last 10 years working as an Industrial Waste Inspector.

1:50 pm - 2:40 pm

The Reign of Plastic Rain: Microplastics in Stormwater

Primary Speaker: Shelly Walther, Environmental Scientist, Los Angeles County Sanitation Districts



Shelly Walther is an Environmental Scientist with the Los Angeles County Sanitation Districts who has worked to protect the environment and public health for over 20 years. Shelly strives to ensure that robust science is used to inform sound environmental management decisions. She is widely recognized for her expertise in microplastics, ocean acidification / climate change, effective study design and data quality, and for her ability to work with collaborators to distill complex issues and create innovative solutions. Prior to her current position, Shelly worked and studied at Scripps Institution of Oceanography, the University of Maryland's Marine, Estuarine and Environmental Sciences program, and the University of California, Santa Cruz. In her spare time, Shelly wrangles a diverse group of co-ed teens as their fearless Camp Fire leader, advocates for racial justice, and balances her enjoyment of creative vegan cuisine with her newfound sport, swimrun.

1:50 pm - 2:40 pm

City of San Diego Food Establishment Wastewater Discharge Program: Overview & Strategies During the Pandemic

Learning Objective(s): After participating in this session, attendees will be able to:

- Upon completion, participants we be able to identify the elements of a robust FOG inspection program.
- Upon completion, participants will be able to relate to the needs of their customers.

- Upon completion, participants will be able to recognize areas of opportunity for inspection and permitting programs when moving to a contactless system.

Primary Speaker: Julie Marlett, City of San Diego



Julie Marlett works as a Principal Water Resources Specialist with the City of San Diego. She possesses a degree in Microbiology from UCSD and an Environmental Compliance Inspector Grade IV certification through CWEA. She has worked in the public sector for six years in environmental regulation and began her career in Stormwater compliance. She managed the City's FOG program and now currently manages the Long Range Water Resources section and works on water supply planning and development. During her leisure time she enjoys hiking, climbing, cooking, and dressing up her cat, Panda. She also volunteers with the I Love a Clean San Diego organization on clean-ups and outreach with the hope to educate her fellow San Diegans on the importance of water conservation and waste minimization.

2:50 pm - 3:40 pm

Pretreatment for Stormwater Diversions to Sewer

Primary Speaker: Kristen Ruffell, Division Engineer, LACSD

Speaker: Peter Carlstrom, Associate Environmental Scientist, LACSD

2:50 pm - 3:40 pm

How to Create your own ECI Manual using In-House Talent and Resources

Learning Objective(s): After participating in this session, attendees will be able to:

- Upon completion, participants will gain insight on the importance of tapping into your organizational staff resources to save on cost.
- Upon completion, participants will learn about some innovative ways LASAN plans to train future Environmental Compliance Inspectors.
- We plan to share some tips on Project Management and team building, and some of the challenges in drafting, finalizing, and producing this manual.

Primary Speaker: Pamela La Beau, Chief Environmental Compliance Inspector II, LA Sanitation and Environment



Pamela La Beau began her career 38 years ago in LA Sanitation and the Environment. She has worked at the Hyperion, Terminal Island and LA/Glendale Water Reclamation Plants in Los Angeles area, and she was part of the development of the City's Biosolids Management program. Currently she is the Chief Environmental Compliance Inspector II/Assistant Division Manager in the Industrial Waste Management Division over the Local Industrial User program, the Dental program, the Cannabis program and the Safety and Training programs for the Division. Pamela has been the Project Manager for several projects such as: the revision of the 25-year-old Inspector Training Manual, the development and implementation of the Environmental Compliance Inspector Rotation Program, the development of Sector Champion program, which develops Subject Matter Experts for specific Industry sectors, that teaches staff leadership skills and Project Management skills. Pamela holds a Bachelor of Science Degree in Chemistry with a Minor in Business Administration from California State University Dominguez Hills.

2:50 pm - 3:40 pm

Understanding Industrial Processes

Learning Objective(s): After participating in this session, attendees will be able to:

- Identify industrial processes for the sectors discussed.
- Identify common industrial waste treatment technologies and evaluate performance
- Explain/discuss information learned from presentation with peer inspectors

Primary Speaker: Chuck Durham, Director of Pretreatment Services, PG Environmental



Director of Pretreatment Services Chuck Durham is a Principal Engineer and the Director of Pretreatment Services at PG Environmental. Mr. Durham has three decades of experience, he is a recognized expert in water pollution control regulations, with emphasis on the federal pretreatment program. In various projects supporting all 10 EPA regions and 30 states, he has provided the full spectrum of support to develop, implement, streamline, and measure the effectiveness of pretreatment programs. He has conducted more than 600 audits and PCIs, and more than 2,000 industrial inspections, at facilities across the U.S. In addition, he has developed and taught numerous basic and advanced training programs/webinars at local, state, and federal levels. Prior to entering the consulting field in 2001, Mr. Durham served as a Program Manager for the Tennessee Division of Water Pollution Control. Mr. Durham is the Chair of the KY-TN Water Environment Associations' Pretreatment Certification Committee.



Speaker: Sirese Jacobson, Environmental Scientist, PG Environmental

Sirese Jacobson is an Environmental Scientist supporting projects relating to NPDES permit compliance and water quality. Primary support areas have included compliance inspections; data collection, analysis, and management; research; and technical writing. She works directly with state and industry representatives conducting inspections of regulated facilities and compiling inspection reports. Ms. Jacobson has provided pretreatment program support to nine U.S. Environmental Protection Agency (EPA) Regions and has conducted more than 60 pretreatment compliance inspections and audits.

3:50 pm - 4:40 pm

Is My IU a CIU? - Making Categorical Determinations

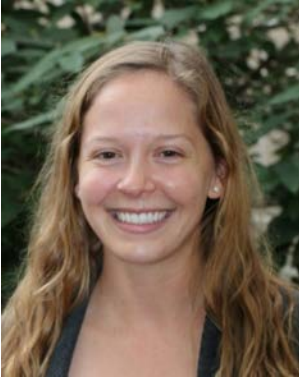
Learning Objective(s): After participating in this session, attendees will be able to:

- Summarize and share information on the categorical regulation development and application process
- Utilize tools shared to confidently make categorical determinations
- More confidently distinguish between regulated and unregulated industrial processes and mixed wastestreams.

Primary Speaker: Chuck Durham, Director of Pretreatment Services, PG Environmental



Director of Pretreatment Services Chuck Durham is a Principal Engineer and the Director of Pretreatment Services at PG Environmental. Mr. Durham has three decades of experience, he is a recognized expert in water pollution control regulations, with emphasis on the federal pretreatment program. In various projects supporting all 10 EPA regions and 30 states, he has provided the full spectrum of support to develop, implement, streamline, and measure the effectiveness of pretreatment programs. He has conducted more than 600 audits and PCIs, and more than 2,000 industrial inspections, at facilities across the U.S. In addition, he has developed and taught numerous basic and advanced training programs/webinars at local, state, and federal levels. Prior to entering the consulting field in 2001, Mr. Durham served as a Program Manager for the Tennessee Division of Water Pollution Control. Mr. Durham is the Chair of the KY-TN Water Environment Associations' Pretreatment Certification Committee.



Speaker: Sirese Jacobson, Environmental Scientist, PG Environmental

Sirese Jacobson is an Environmental Scientist supporting projects relating to NPDES permit compliance and water quality. Primary support areas have included compliance inspections; data collection, analysis, and management; research; and technical writing. She works directly with state and industry representatives conducting inspections of regulated facilities and compiling inspection reports. Ms. Jacobson has provided pretreatment program support to nine U.S. Environmental Protection Agency (EPA) Regions and has conducted more than 60 pretreatment compliance inspections and audits.

3:50 pm - 4:40 pm

IRWD and Implementation of the One Water Model

Primary Speaker: Lisa Haney

3:50 pm - 4:40 pm

Effectiveness of PreTreatment Program and the Support of One Water Goals

Learning Objective(s): After participating in this session, attendees will be able to:

- Be able to identify one water opportunities in their own organization.
- Be able to describe how the pretreatment program directly contributes to one water goals.
- Be able to explain how LASAN's pretreatment program has evolved to meet one water goals.

Primary Speaker: Amanda Lujan, Environmental Engineering Associate III, LA Sanitation and Environment



Amanda Lujan is an Environmental Engineering Associate III with LA Sanitation and Environment. She has been working in the Industrial Waste Management Division for over 6 years now and as a supervisor for the Local Limits program for the last year. She has a Bachelor of Science in Civil and Environmental Engineering from UCLA and her State of California Professional Engineering License in Civil Engineering. While with Industrial Waste she has worked on numerous exciting projects including: the Local Limits Program, Reclamation Plant Response, Green Chemistry, the Industrial user Re-Classification and Optimization as well as represented Sanitation for the Los Angeles World Airports Landside Access Modernization Project. She has headed the mentorship program for LASAN's new Environmental Engineering Associates for the past five years. She is currently a part of the Reclamation Plant Response and Local Limits team.

5:30 pm - 6:30 pm

Signature Event: Laser Show - The Brilliance of Clean Water

6:30 pm - 8:00 pm

Signature Event: Reception

Thursday, June 23, 2022

8:30 am - 8:55 am

Test Taking Strategies for Success

Learning Objective(s): After participating in this session, attendees will be able to:

- Identify key test taking strategies to increase success on exams.
- Recognize exam preparation do's and don'ts.
- Utilize proven test preparation tips leading up to an exam.

Primary Speaker: Kent McIntosh, retired industrial-waste inspector, Sanitation Districts of Los Angeles County

Kent O. McIntosh holds CWEA certification as an Environmental Compliance Inspector, Grade 4, and as an Industrial Waste Treatment Plant Operator, Grade 1. He retired in 2019 from the Los Angeles County Sanitation Districts after more than 31 years, the first three as a laboratory technician, then as an industrial-waste inspector. He was the senior inspector for the full-time night-shift team of five inspectors. He has a bachelor of science degree in civil engineering and in applied mathematics and a bachelor of arts degree in biology and in German.

8:30 am - 9:20 am

Introduction and Overview of EPA Pretreatment Regulations and Updates - Virtual Presenter

Learning Objective(s): After participating in this session, attendees will be able to:

- Contribute knowledgeably to your local pretreatment program
- Compare and correlate the goals of pretreatment at the local, state, and federal levels
- Implement federal requirements to regulate dental discharges



Primary Speaker: Amelia Whitson, Pretreatment Coordinator, US EPA, Region 9

Amelia is the Pretreatment Coordinator for EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. She has served as Region 9's Pretreatment Coordinator for eleven years. As Pretreatment Coordinator, she is responsible for managing EPA's oversight of industrial wastewater pretreatment in Arizona, California, Hawaii, Nevada, and the Pacific Island Territories. Amelia received a B.A. in Environmental Earth Science from UC Berkeley.

Speaker: Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency



Jim is an Environmental Engineer in EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. He has worked in the NPDES Wastewater Enforcement Office for ten years, conducting inspections of, providing compliance assistance to, and managing enforcement actions against industrial users and municipalities, with a focus on pretreatment. Prior to his NPDES Pretreatment work, he was an EPA hazardous waste inspector for nine years. Jim holds a B.S. in Mineral Engineering and an M.S. in Environmental Engineering from the University of California, Berkeley.

8:30 am - 9:20 am

FOG Program Resilience: Tips for Passing Inspections & Improving Effectiveness

Learning Objective(s): After participating in this session, attendees will be able to:

- Better prepare for regulatory audits by regulators including state/regional water board/USEPA compliance evaluation inspectors.
- Better understand regional water board and USEPA inspector priorities, inspection techniques and requests to be proactive for being successful.
- Gain insights, practical approaches, tips and checklists from leading collection system operators throughout the state.

Primary Speaker: James Fischer, Principal, Fischer Compliance LLC (Fischercompliance.com)

Mr. Fischer has over 33 years of professional regulatory experience in both public and private sectors. He retired from the State Water Resources Control Board as statewide lead for collection system compliance and enforcement and started Fischer Compliance, LLC (fischercompliance.com) in September of 2020 serving municipalities with best practice support for reducing risks, enforcement risks and optimizing compliance. Expert collection system consulting services include Sewer System Management Plan (SSMP) Audits, SSMP updates and "simulated" regulatory inspections helping agencies meet and exceed requirements of the existing WDRs and implement resilient practices ahead of the new WDRs currently under review.

8:30 am - 9:20 am

A Look Into The Future of Pretreatment

Primary Speaker: Joshua Balentine, National Pretreatment Technical Lead, Brown and Caldwell



Josh Balentine is Brown and Caldwell's National Pretreatment Technical Lead and has a unique pretreatment background covering all angles. He has managed one of the largest pretreatment programs in the country, served as a consulting engineer for numerous pretreatment programs and industrial users, and supported the U.S. EPA and various states as a contract regulator of industrial pretreatment programs, including EPA Region 9 and the State of California. While working on behalf of the U.S. EPA, he was a credential inspector holding a U.S. EPA Inspection Security Clearance and performed more than 100 pretreatment program compliance audits and more than 500 industrial user inspections. He has a Bachelor's degree in Civil Engineering from the University of Memphis and holds a Grade 4 Wastewater Treatment Plant Operators license in Arizona and Tennessee.

8:55 am - 9:20 am

Getting to Know the New Pretreatment Facility Manual!

Learning Objective(s): After participating in this session, attendees will be able to:

- Recognize how to use the update PFI Manual effectively.
- Identify key improvements to the PFI Manual
- Increase professional knowledge to apply in the workplace.



Primary Speaker: John Rowe, Process Engineer, Office of Water Programs at Sacramento State

John Rowe is a Process Engineer in the Office of Water Programs at California State University at Sacramento. He was a tenured professor of water resources at a colleges in Florida and Georgia, and has taught microbiology, environmental science, biology, and water resource treatment technology. He has a PhD in environmental sustainability and a PhD in biological sciences, and an A level water and wastewater treatment operator license in Florida. John has worked as a project manager for CH2MHill, and as a technical assistance provider and trainer for the Rural Water Association.

Speaker: Ramzi Mahmood, Professor and Executive Director, California State University, Sacramento



Dr. Mahmood has been the director of Office of Water Programs (OWP) at Sacramento State since 1997. OWP is a multidisciplinary center providing training, technical assistance, and applied research services for water resources and water quality disciplines. Its mission is to provide cost-effective solutions for protecting and enhancing water resources, public health, and the environment. For over 40 years, OWP training materials have supported the drinking water and wastewater professions, earning it an international reputation as a leader in this field. OWP serves as the US EPA Region 9 Environmental Finance Center (EFC) which supports rural, disadvantaged, and tribal communities throughout the west in financial planning and utilities asset management. He has a faculty of civil engineering at Sacramento State since 1994. He has doctorate and master's degrees in environmental engineering, a master's degree in applied mathematics, and bachelor's degree in Civil Engineering.

9:30 am - 10:20 am

Pretreatment Standards (Categorical Regulations) - Virtual Presenter

Learning Objective(s): After participating in this session, attendees will be able to:

- Classify categorical industrial users
- Apply categorical standards in industrial user permits
- Convert limits using the Combined Wastestream Formula

Primary Speaker: Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency



Jim is an Environmental Engineer in EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. He has worked in the NPDES Wastewater Enforcement Office for ten years, conducting inspections of, providing compliance assistance to, and managing enforcement actions against industrial users and municipalities, with a focus on pretreatment. Prior to his NPDES Pretreatment work, he was an EPA hazardous waste inspector for nine years. Jim holds a B.S. in Mineral Engineering and an M.S. in Environmental Engineering from the University of California, Berkeley.

9:30 am - 10:20 am

ECI Exam Test Preparation: Grade 1

Learning Objective(s): After participating in this session, attendees will be able to:

- Identify the more challenging KSA's in preparation of the ECI exam.
- Increase professional knowledge to apply in the workplace.
- Improve understanding of exam content.

Primary Speaker: Shannon Simmers, Regulatory Compliance Officer, City of Redlands



Shannon Simmers, Regulatory Compliance Officer for the City of Redlands, CA is responsible for the Pretreatment Program and other regulatory requirements for the City's Municipal Utilities, and Engineering Department. She has worked in the Environmental Compliance Field since 2014. She is a P3S Executive Committee Past Chair and the TCP Training Liaison. She is involved in several projects such as the TCP Train the Trainer program and the CSUS PFI Update Subcommittee. She is also a Subject Matter Expert for the ECI exam and was involved with ECI exam re-validation and revisions to the ECI Study guides.

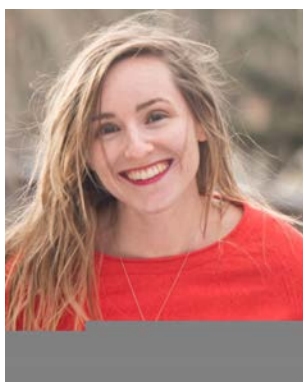
9:30 am - 10:20 am

Real Time Monitoring of Collection Systems and WRRFs for Conventional and IPR/DPR Processes

Learning Objective(s): After participating in this session, attendees will be able to:

- Understanding of industrial source control challenges for NPDES compliance and potable reuse water quality
- Understanding of the broad range of potential online monitoring tools and approaches
- Clearly defined challenges and step by step approach to finding an online monitoring system that could, with sufficient testing, benefit any source control program.

Primary Speaker: Kristel Baumgardner-Kranz, Lead Engineer, Carollo Engineers, Inc.



Kristel Baumgardner-Kranz, P.E., is a Lead Engineer with Carollo Engineers, Inc. She has been with Carollo for seven years has been a practicing environmental engineer for eight years. Kristel received her Master of Science in Civil and Environmental Engineering from U.C. Davis and her Bachelor of Science in Anthropology from the University of Wyoming. Her project experience includes developing uniform and site-specific local limits for industry dischargers, developing an Enhanced Source Control Program, updating Sewer Use Ordinances, developing permits for industrial dischargers, developing Enforcement Response Plans, and developing and implementing Industrial Waste Surveys.

9:30 am - 10:20 am

Best Practices for Combating FOG through Proper GI Sizing & Maintenance



Primary Speaker: Tony Cole, Market Development Specialist, Endura/IPEX USA

Tony is a market development specialist with Endura, the grease separation technology division of IPEX. He is responsible for handling technical inquiries, providing FOG & grease interceptor training, and working with local jurisdictions to ensure products meet current code standards. Tony has been with IPEX since 2017, and is currently a member of PHCC, IAPMO, and ASPE. Tony graduated in 2010 from the University of St. Francis (IL), with a BS (hons) of Business Administration and a focus on marketing and management. He currently resides in the Greater Houston area in Texas.

10:30 am - 10:55 am

Building Stronger Communities Through the Power of Data

Learning Objective(s): After participating in this session, attendees will be able to:

- How to automate, manage and report on compliance data more effectively and efficiently.
- How to provide your team with the means to focus on building stronger relationships with your community.
- How to continually protect your community as new challenges emerge.



Primary Speaker: Benjamin Braman, Account Executive, Aquatic Informatics

Ben Braman is an Account Executive at Aquatic Informatics. Ben has a Bachelors and Masters Degree in Business Administration and specializes in providing software solutions for managing data in the industrial pretreatment and FOG fields.

10:30 am - 11:20 am

ECI Exam Test Preparation: Grade 2

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand the more challenging KSA's in preparation of the ECI exam.
- Increase professional knowledge to apply in the workplace.
- Improve understanding of exam content.

Primary Speaker: Shannon Simmers, Regulatory Compliance Officer, City of Redlands



Shannon Simmers, Regulatory Compliance Officer for the City of Redlands, CA is responsible for the Pretreatment Program and other regulatory requirements for the City's Municipal Utilities, and Engineering Department. She has worked in the Environmental Compliance Field since 2014. She is a P3S Executive Committee Past Chair and the TCP Training Liaison. She is involved in several projects such as the TCP Train the Trainer program and the CSUS PFI Update Subcommittee. She is also a Subject Matter Expert for the ECI exam and was involved with ECI exam re-validation and revisions to the ECI Study guides.

10:30 am - 11:20 am

Pretreatment Standards (Categorical Regulations) - Virtual Presenter

Learning Objective(s): After participating in this session, attendees will be able to:

- Develop new local limits
- Evaluate when and how local limits need to be updated
- Implement general prohibitions, specific prohibitions, and local limits in their service area

Primary Speaker: Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency



Jim is an Environmental Engineer in EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. He has worked in the NPDES Wastewater Enforcement Office for ten years, conducting inspections of, providing compliance assistance to, and managing enforcement actions against industrial users and municipalities, with a focus on pretreatment. Prior to his NPDES Pretreatment work, he was an EPA hazardous waste inspector for nine years. Jim holds a B.S. in Mineral Engineering and an M.S. in Environmental Engineering from the University of California, Berkeley.

10:30 am - 11:20 am

Enhanced Source Control: Implications of the 2020 NWRI Expert Panel Report

Learning Objective(s): After participating in this session, attendees will be able to:

- Additional awareness of the National Water Research Institute, it's history, purposes, and programs. Develop self-identifying potential experts.
- Make the argument that the additional scrutiny accompanying drinking water production is warranted and valuable.
- Apply an informed understanding of emerging potable reuse and source control trends to make better informed technical and career decisions.

Primary Speaker: Kevin Hardy, Executive Director, National Water Research Institute (NWRI)



Kevin M. Hardy has served as Executive Director of the National Water Research Institute (NWRI) since 2017. Founded in 1991 by Southern California water agencies in partnership with Joan Irvine Smith, NWRI promotes the protection, maintenance, and restoration of water supplies, freshwater, and marine environments through the planning and execution of applied research projects. As NWRI's Executive Director, Mr. Hardy works with researchers, academics, utility managers, regulators and policymakers to develop water reuse practices and regulations that protect public health; facilitate NWRI's well-established independent expert advisory program; and, to create meaningful and lasting partnerships within the nation's water community. Hardy holds bachelors and masters degrees from San Diego State University, a Juris Doctorate from the University of San Diego School of Law, and is a proud alumni of the Water and Wastewater Leadership Center at the University of North Carolina at Chapel Hill.

10:55 am - 11:20 am

Public/Private Partnership: Teaming Approach to FOG Compliance

Learning Objective(s): After participating in this session, attendees will be able to:

- Assess the applicability of a Public/Private Partnership to their specific local FOG conditions.
- Recognize the FOG Program Implementation tasks that would benefit from the expertise/skills of a consultant.
- Apply one or more elements of the IRWD Public/Private Partnership approach to enhance their current FOG Program.



Primary Speaker: Jim Kolk, Principal Engineer, EEC Environmental

Speaker: Adam Stontz

12:05 pm - 1:50 pm

Lunch: P3S Grant Recipients

1:50 pm - 2:40 pm

FOG Stakeholder (FSEs, Haulers) Engagement - Changes in Practices and Trends

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand different approaches to FOG program management being actively used across the U.S.
- Differentiate between trends in FOG program activities that promote compliance vs. activities that do not promote compliance
- Compare approaches to stakeholder engagement and apply one or more of these to my FOG program



Primary Speaker: Eric Snell, Professional Services & Consulting Lead, SwiftComply

Eric Snell works as the Pretreatment Consulting & Professional Services lead for SwiftComply. SwiftComply provides regulatory compliance and reporting solutions to the Water/Wastewater industry; Cross-Solution Dashboard Reporting, FOG, Stormwater, Backflow and Pretreatment. Eric began working extensively with environmental database solutions and GIS in 1990 with a primary focus on Pretreatment and FOG solutions beginning in 1998. Working nationally with hundreds of programs, multiple engineering consultants and regulatory agencies over a 20+ year period has provided him with a depth of experience and unique insights that cross the regulatory industry's landscape.

1:50 pm - 2:40 pm

Pretreatment Compliance Audits and Inspections - Virtual Presenter

Learning Objective(s): After participating in this session, attendees will be able to:

- Prepare for what you can expect at (and when you can expect) a Pretreatment Compliance Audit or Inspection
- Make the most of a Pretreatment Compliance Audit or Inspection
- Use Pretreatment Compliance Audits and Inspections to showcase and enrich your program



Primary Speaker: Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

Jim is an Environmental Engineer in EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. He has worked in the NPDES Wastewater Enforcement Office for ten years, conducting inspections of, providing compliance assistance to, and managing enforcement actions against industrial users and municipalities, with a focus on pretreatment. Prior to his NPDES Pretreatment work, he was an EPA hazardous waste inspector for nine years. Jim holds a B.S. in Mineral Engineering and an M.S. in Environmental Engineering from the University of California, Berkeley.

1:50 pm - 2:40 pm

ECI Exam Test Preparation: Grade 3

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand the more challenging KSA's in preparation of the ECI exam.
- Increase professional knowledge to apply in the workplace.

- Improve understanding of exam content.

Primary Speaker: George Munoz, Interim Environmental Compliance Supervisor, City of Riverside

In 1999, George Munoz started work as an Environmental Consultant inspecting commercial, industrial, and residential facilities across the United States for lead based paint, asbestos, and mold. During his time as a consultant, he began teaching courses for EPA Region 9. In 2007, he joined the City of Riverside Environmental Compliance Team where he continually learns to adapt to the constant ever-changing industry. I currently hold Grade III Environmental Compliance Inspector Certification, QISP, and involved in CWEA certification training.

2:50 pm - 3:40 pm

ECI Exam Test Preparation: Grade 4

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand the more challenging KSA's in preparation of the ECI exam.
- Increase professional knowledge to apply in the workplace.
- Improve understanding of exam content.

Primary Speaker: Kent McIntosh, retired industrial-waste inspector, Sanitation Districts of Los Angeles County

Kent O. McIntosh holds CWEA certification as an Environmental Compliance Inspector, Grade 4, and as an Industrial Waste Treatment Plant Operator, Grade 1. He retired in 2019 from the Los Angeles County Sanitation Districts after more than 31 years, the first three as a laboratory technician, then as an industrial-waste inspector. He was the senior inspector for the full-time night-shift team of five inspectors. He has a bachelor of science degree in civil engineering and in applied mathematics and a bachelor of arts degree in biology and in German.

2:50 pm - 3:40 pm

Industrial User Surveys and Permitting - Virtual Presenter

Learning Objective(s): After participating in this session, attendees will be able to:

- Conduct a successful industrial user survey
- Determine which industrial users should be permitted
- Write a clear and effective industrial user permit



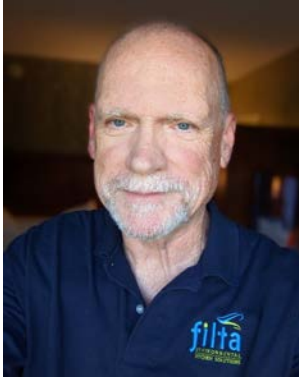
Primary Speaker: Amelia Whitson, Pretreatment Coordinator, US EPA, Region 9

Amelia is the Pretreatment Coordinator for EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. She has served as Region 9's Pretreatment Coordinator for eleven years. As Pretreatment Coordinator, she is responsible for managing EPA's oversight of industrial wastewater pretreatment in Arizona, California, Hawaii, Nevada, and the Pacific Island Territories. Amelia received a B.A. in Environmental Earth Science from UC Berkeley.

2:50 pm - 3:40 pm

FAQs About FOGS, or, Why The Fuss About FOGS

Primary Speaker: Dennis Doherty, Technical Director for FOGS Products, The Filta Group



Dennis Doherty. Technical Director for USA and CAN FOGS Products at the Filta Group. Longtime CWEA Member and I now belong to all sections. Born in New York and attended the Rochester Institute of Technology. My first career there was in Electronics Manufacturing Operations. In California 2006, I joined a manufacturers representative firm and offered instruments to municipal water and wastewater agencies. There, I also started offering AGRD Automatic Grease Removal Devices to restaurants and food services. I went solo in 2010 for an AGRD manufacturer as their exclusive distributor for Southern California. In 2021 I joined the Filta Group and we are introducing our line of Cyclone AGRD to the USA and Canada. As previously, I provide all AGRD services for pre-sale, installation, maintenance and support.

3:50 pm - 4:40 pm

Meeting the Regulatory Compliance Requirements (DOs and DONT's)

Primary Speaker: Mo Lahsaie, Instructor, University of California-Irvine



Mo. Lahsaie, Ph.D., REHS, has over 18 years of experience as an Environmental Officer with the City of Oceanside. In his job with the City he planned, organized, and administered the City's Energy Efficiency and Water Conservation Programs, the management and inspection activities of the City's Stormwater Program in compliance with National Pollutants Discharge Elimination System (NPDES) permitting, and coordinated activities surrounding the City's Watershed Protection Program. Prior to this, he was an Environmental Scientist in the Watershed Protection Branch of the CAL-EPA Regional Water Quality Control Board-San Diego. Dr. Lahsaie has over 12 years of experience with the San Diego County Department of Environmental Health directing investigations and remediation of contaminated sites, managing cases with underground storage tanks and releases of petroleum solvents, pesticides, heavy metals and hazardous wastes.

3:50 pm - 4:40 pm

ECI Exam Test Prep:Speed Test and Math Quiz

Learning Objective(s): After participating in this session, attendees will be able to:

- Understand the more challenging KSA's in preparation of the ECI exam.
- Increase professional knowledge to apply in the workplace.
- Improve understanding of exam content.



Primary Speaker: Shannon Simmers, Regulatory Compliance Officer, City of Redlands

Shannon Simmers, Regulatory Compliance Officer for the City of Redlands, CA is responsible for the Pretreatment Program and other regulatory requirements for the City's Municipal Utilities, and Engineering Department. She has worked in the Environmental Compliance Field since 2014. She is a P3S Executive Committee Past Chair and the TCP Training Liaison. She is involved in several projects such as the TCP Train the Trainer program and the CSUS PFI Update Subcommittee. She is also a Subject Matter Expert for the ECI exam and was involved with ECI exam re-validation and revisions to the ECI Study guides.

Speaker: Ariana Pizano

Speaker: Kent McIntosh, retired industrial-waste inspector, Sanitation Districts of Los Angeles County

Kent O. McIntosh holds CWEA certification as an Environmental Compliance Inspector, Grade 4, and as an Industrial Waste Treatment Plant Operator, Grade 1. He retired in 2019 from the Los Angeles County Sanitation Districts after more than 31 years, the first three as a laboratory technician, then as an industrial-waste inspector. He was the senior inspector for the full-time night-shift team of five inspectors. He has a bachelor of science degree in civil engineering and in applied mathematics and a bachelor of arts degree in biology and in German.

3:50 pm - 4:40 pm

Industrial User Inspections - Virtual

Learning Objective(s): After participating in this session, attendees will be able to:

- Prepare to conduct an industrial user inspection
- Assess industrial user compliance through an on-site inspection
- Document observations to support regulatory pretreatment oversight



Primary Speaker: Jim Polek, Environmental Engineer, U.S. Environmental Protection Agency

Jim is an Environmental Engineer in EPA's Pacific Southwest Regional Office (Region 9) in San Francisco. He has worked in the NPDES Wastewater Enforcement Office for ten years, conducting inspections of, providing compliance assistance to, and managing enforcement actions against industrial users and municipalities, with a focus on pretreatment. Prior to his NPDES Pretreatment work, he was an EPA hazardous waste inspector for nine years. Jim holds a B.S. in Mineral Engineering and an M.S. in Environmental Engineering from the University of California, Berkeley.