



National Pretreatment Virtual Event

SPEAKER PROFILES

National Association of Clean Water Agencies

Association of Clean Water Administrators

May 17 – 20, 2021



Gene Bennett
Pretreatment Manager
City of Everett
Everett, WA

Gene Bennett became Pretreatment Manager for the City of Everett on September 27, 2020 after 29 years as an Industrial Waste Inspector with the city. Prior to the City of Everett, he started up the pretreatment program during his three years working for the City of San Mateo, CA and started his pretreatment career as an Industrial Waste Inspector for four years at the City of Phoenix, AZ.

Mr. Bennett directs a group of 3 Inspectors who regulate a diverse group of industrial users ranging from single-tank metal finishers to the Boeing widebody plant as well as approximately 400 Food Service Establishments. In 2001 he created and continues to manage the Pretreatment Coordinators' Group, previously on Yahoo, now on Groups.io.



Kerry Britt
NACWA Vice Chair, Pretreatment and Pollution Prevention Committee
Pretreatment Manager
Narragansett Bay Commission
Providence, RI

Kerry Britt is the Pretreatment Manager for the Narragansett Bay Commission

(NBC). Ms. Britt has been in this position since 2004. She is responsible for the overall operation of the Pretreatment Program which includes permitting and inspecting commercial and industrial users, emergency response and ensuring federal and state pretreatment mandates are met. The NBC Pretreatment Program is responsible for the protection of Rhode Island's two largest wastewater treatment plants which receive wastewater from ten cities and towns and overseeing the regulation of over 1,600 permitted users.

Ms. Britt joined the NBC's Pretreatment Program in 1992 and Industrial Wastewater Control Engineer and was promoted to Pretreatment Manager in 2003. Ms. Britt earned her BS in Chemical Engineering from the University of Rhode Island in 1986. She currently serves as the Vice Chair of NACWA's Pretreatment and Pollution Prevention Committee.

**Carla Davidson**

IPP PFAS Regional Specialist
Lansing District Office-Water Resources Division
Michigan Department of Environment, Great Lakes, and Energy
Lansing, MI

Carla Davidson has worked for the Michigan Department of Environment, Great Lakes, and Energy (EGLE—pronounced “eagle”) on surface water quality issues for 24 years. She has currently been working on PFAS issues associated with the industrial pretreatment program on a statewide basis for the past 3 years and previously conducted compliance activities under the National Pollutant

Discharge Elimination System (NPDES) including oversight of the Industrial Pretreatment Program (IPP) for the Lansing District Office.

She holds an MS degree from the University of Michigan (Go Blue!).

**Frank Dick**

NACWA Chair, Pretreatment and Pollution Prevention Committee
Sewer and Wastewater Engineering Supervisor
City of Vancouver, Department of Public Works
Vancouver, WA

Frank Dick oversees wastewater engineering and administration functions including the Vancouver’s fully delegated pretreatment program. Vancouver’s sewerage area serves a population of 220,000 and includes 13 Categorical Industrial Users, 8 other Significant Industrial Users, 6 Minor Industrial Users, and over 50 other written

authorizations, a Fats, Oils, and Grease (FOG) management program and a dental mercury reduction program. He also oversees planning and capital projects for Vancouver’s sewer and wastewater treatment systems.

Prior to his position at Vancouver, he spent 17 years at semiconductor and electronics manufacturing facilities in the Portland-Vancouver area, in consultant and staff positions for facilities engineering and environmental compliance.

Mr. Dick currently serves as the Chair of the National Association of Clean Water Agencies’ Pretreatment and Pollution Prevention Committee and is active with the planning committee for the Pacific Northwest Pretreatment Workshop, to be held in September in Vancouver, WA. Mr. Dick earned his BS in Chemical Engineering from Washington State University.

**Joseph Fielding**

Manager III – Pretreatment Operations, Dallas Water Utilities
City of Dallas
Dallas, TX

Joseph Fielding is the Manager III – Pretreatment for the City of Dallas – Dallas Water Utilities – Pretreatment & Laboratory Services Division. He has a BS from Texas Tech University in Lubbock, TX. Mr. Fielding received his BS in Wildlife Management in May of 2008. He has been involved in the environmental field since graduating from college.

He started his Pretreatment career in 2010 as a Monitoring Specialist and has progressed through a variety of positions to eventually become the Manager over Pretreatment, Liquid Waste, Industrial Monitoring and Special Projects & Outreach.

Mr. Fielding currently sits on the Executive Boards of the Region VI Pretreatment Association and the Water Environment Association of Texas Pretreatment Committee. He is also a member of the National Association of Clean Water Agencies' Pretreatment & Pollution Prevention committee.

**Cynthia Finley**

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

Cynthia Finley is the Director of Regulatory Affairs at the National Association of Clean Water Agencies (NACWA), which represents the interests of over 300 municipal wastewater utilities. Dr. Finley earned her PhD in Civil Engineering from the University of Texas at Austin, specializing in the risk-based assessment of

contaminated groundwater remediation. She received an MS in Civil Engineering from the University of Washington and a BS in Civil Engineering from Texas A&M University.

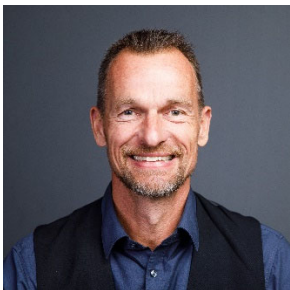
Prior to joining NACWA, Dr. Finley was an Assistant Professor in the Department of Civil and Environmental Engineering at the University of Missouri – Columbia, where she worked on international engineering education programs and taught courses in risk and reliability, landfill design, and groundwater flow and contamination. She joined NACWA in 2006 and works on regulatory issues related to wet weather management, collection systems, energy, security and emergency preparedness, and pretreatment and pollution prevention.

**Tiffany Garcia**

Professor, Department of Fisheries, Wildlife, and Conservation Sciences
College of Agricultural Sciences
Oregon State University
Corvallis, OR

Tiffany Garcia is a freshwater ecologist conducting actionable research on the conservation of biodiversity. Her research program investigates species distributions, community assembly, and life history flexibility in response to a changing world. Broad ecological questions concerning disease spread, invasion potential, and extinction debt have shaped her research group's research direction, and we have explored arctic, temperate and tropical regions to test our questions.

Ms. Garcia teaches undergraduate and graduate courses designed to encourage critical evaluation of natural resource issues and thoughtful communication with scientists and the public. Research and teaching have informed her professional and public service, particularly efforts to enhance equity and inclusion in the sciences.

**Rolf Halden**

Professor & Director, Biodesign Center for
Environmental Health Engineering
Biodesign Institute & School of Sustainable Engineering and
the Built Environment
Arizona State University
Tempe, AZ

Rolf Halden, PhD, PE, is Founding Director of the Biodesign Center for Environmental Health Engineering, Biodesign Institute, Professor in the School of Sustainable Engineering and the Built Environment, and Senior Sustainability Scientist at the Global Institute of Sustainability and Innovation at Arizona State University. Mr. Halden's scientific discoveries and research have been covered in 230+ scientific papers and patents, the 2020 popular science book 'Environment' published by Bloomsbury on the occasion of Earth Day 50, as well as in TV documentaries, radio shows, podcasts, and other media outlets, including the New York Times, Wall Street Journal, Time, Scientific American, and Forbes.

Mr. Halden serves on the Expert Team of the American Chemical Society and has been invited repeatedly to brief decision-makers at the US Environmental Protection Agency, the Food and Drug Administration, the National Academies, and members of US Congress on issues pertaining to environmental health and sustainability.



Sonya Harrison
Senior Environmental Specialist
Goldie Associates
Seneca, SC

Sonya Harrison is currently employed as a Senior Environmental/Pretreatment Specialist with Goldie Associates in Seneca, SC. She has worked with Goldie for over 20 years. The main focuses of her job are Environmental Compliance, Pretreatment Program Management and Development, Permit Applications, Permit Limit Development, Operational Problem Solving, Environmental Training, and Assistance with Violations and Enforcement Actions.

She has over 30 years of experience in wastewater, environmental compliance, and pretreatment for industry, as a municipal regulator, and as a consultant.



Tasha King-Davis
Administrator of Environmental Compliance
City of Memphis Division of Public Works
Memphis, TN

Tasha King-Davis is the Administrator of Environmental Compliance and Permits for the City of Memphis which consist of one of the larger storm water programs in TN and one of the largest pretreatment Industrial Pretreatment programs in the country. Her professional background covers all aspects of environmental compliance and engineering design including wastewater treatment and conveyance, including sewer design, wastewater operations, stormwater and source control.

She went to college at the University of Kansas where she majored in Architectural Engineering. She is a Professional Engineer and holds a grade 4 wastewater operator's license in TN.



Terry Leeds
NACWA President
Director
KC Water
Kansas City, MO

Terry Leeds is a Civil Engineer with 28 years' experience in the water industry and started his engineering career with Black & Veatch. He worked on water/wastewater projects as a design engineer and project engineer. In 1995, he began working for the Water Services Department of Kansas City. He has held several different positions in the City having worked in the Facilities Engineering Division, the Stormwater Engineering Division, and the Capital Improvements Management Office. In 2005, Mr. Leeds became the Manager of Kansas City's Overflow Control Program. Working with a consultant program team in the Water Services Offices, he was responsible for the development of the Overflow Control Plan for Kansas City. In 2009, Mr. Leeds began overseeing the Stormwater Utility Activities in addition to managing the Overflow Control Program. He has served as the

Director of Kansas City Water Services since January of 2012. Mr. Leeds earned a BS in Civil Engineering at the University of Missouri-Rolla.

Mr. Leeds is currently the President on the National Association of Clean Water Agencies' Board of Directors.



Wendy Linck

Senior Engineering Geologist, Division of Water Quality
State Water Resources Control Board
Sacramento, CA

Wendy Linck is a Senior Engineering Geologist at the State Water Resources Control Board (State Water Board) within the Division of Water Quality (DWQ). She is managing the State Water Board's response to the PFAS effort within DWQ and is a liaison with the Division of Drinking Water on the subject.

Ms. Linck graduated with a BS in Geology from Sacramento State University. She is a registered professional geologist in the State of CA and certified as a Project Manager Professional by the Project Management Institute.



Shawn Madison

Senior Environmental Specialist
City of Tacoma Environmental Compliance
Tacoma, WA

Shawn Madison has been with the City of Tacoma's Environmental Services Division for 13 years, and currently is responsible for the city's industrial pre-treatment plan review, Fats Oils and Grease (FOG) program, industrial user survey program. Mr. Madison was also involved in the early development of Washington State's environmental cannabis regulations.

Mr. Madison is a member of the Coordinator for the American Public Works Association (APWA) and was their former Washington State Pre-FOG. He is also a member of the Interagency Resource for Achieving Cooperation (IRAC) and was their former Pre-FOG Coordinator.

**Mia Mattioli**

Principle Investigator, Waterborne Disease Prevention Branch
Centers for Disease Control
Atlanta, GA

Dr. Mia Mattioli is the Principle Investigator for the Centers of Disease Control's (CDC) Waterborne Disease Prevention Branch's Domestic WASH Lab within Environmental Microbiology and Engineering Laboratory Team. Her research focuses on the intersection between the environment and human health with a specific interest in the relationship between, and fate and transport of, fecal indicators and enteric pathogens.

Dr. Mattioli also leads CDC's environmental investigations of waterborne outbreak responses and currently serves as the Science Lead for the CDC National Wastewater Surveillance System.

She has a BS in Biological Engineering from the University of Georgia and a Master and PhD in Environmental Engineering from Stanford University.

**Greg Mitchell**

IT Specialist
US Environmental Protection Agency
Chapel Hill, NC

Greg Mitchell is a Federal IT Specialist and IT Operations Infrastructure lead for the US Environmental Protection Agency's (EPA) Central Data Exchange since 2002. With a degree in Computer Science from Virginia Tech, Mr. Mitchell specializes in regulatory E-Reporting and IT compliance including 40 CFR Part 3 CROMERR (Cross-Media Electronic Reporting Rule).

Mr. Mitchell has been an Integrated Project Team member for the Environmental Council of States (ECOS) managing US EPA's Shared CROMERR Services integration and compliance since inception.

**Barry Orr**

Sewer Outreach & Control Inspector
Environmental & Engineering Services, City of London
London, Ontario

Barry Orr is the Sewer Outreach and Control Inspector for the City of London, Ontario with over 25 years of experience in environmental and wastewater fields. Mr. Orr is the spokesperson for the Municipal Enforcement Sewer Use Group of Canada, and the Canadian representative on the International Water Services Flushability Group for the Canadian Water and Wastewater

Association. The Standards Council of Canada and the International Organization for Standardization appointed Mr. Orr as an expert representative on their "flushable" workgroup. He represents regulators as a voting member of the Canadian Standards Association standard for grease interceptors (CSA B481).

In of June 2015 and 2020, Mr. Orr received the Canadian Water's Next award for Government. In April 2019 he received the *Water Environment Association of Ontario Golden Manhole Award*. In August 2020 he was announced as the *Water Environment Federations Collection Systems Award* winner. The selection panel noted: "Orr's efforts on policy and innovation have contributed to his global reputation, but his ability to reach the public and communicate the importance of sewer-related issues is perhaps his greatest strength. He continuously promotes the professional recognition of the collection system field during his

numerous podcasts, interviews, and television appearances. Whether the discussion is about toilets, grease, wastewater, stormwater, fatbergs or so-called "flushable" products, Orr is pivotal in the conversation. He has tirelessly increased the awareness of and respect for sewer collection systems and personnel."

Mr. Orr is known as Captain FOG across Canada and can even be found in a comic called "The Adventures of Fatberg."



Jan Pickrel

National Pretreatment Program Coordinator
Water Permits Division, Office of Wastewater Management
Office of Water
US Environmental Protection Agency
Washington, DC

Jan Pickrel is the National Pretreatment Program Coordinator at the US Environmental Protection Agency (EPA) and coordinates a diverse set of activities involving industrial wastewater programs, including technology-based effluent guidelines and categorical standards, water reuse, biosolids, water security and emergency response planning, and emerging contaminants of concern. She has taught many courses on the pretreatment program across the nation, both in person and via webinar.

Prior to coming to EPA in 1997, Ms. Pickrel worked for 13 years in Virginia Department of Environmental Quality's (VDEQ) Northern Virginia Regional Office, where she served as the Pretreatment Coordinator and Industrial National Pollutant Discharge Elimination System Coordinator in the region's Virginia Pollutant Discharge Elimination System Program. During her tenure at VDEQ, she had also served as the Chief Regional Geologist and has extensive experience in land application of biosolids, ground water and surface water investigations, and oil spill remediation efforts.

Ms. Pickrel has a BS degree in Geology from the College of William and Mary, and an MEA degree (dual concentration in Construction Management and Environmental & Energy Management) from George Washington University.

Ms. Pickrel is also a Virginia Cooperative Extension Master Gardener (Sustainable Landscape Management).



Justin Pimpare
Pretreatment Coordinator
US Environmental Protection Agency, Region 1
Boston, MA

Jay Pimpare is the Regional Pretreatment Coordinator for the six states within Environmental Protection Agency (EPA) New England's Regional Office. Mr. Pimpare oversees and coordinates all pretreatment activities throughout New England and has played an integral role in providing technical assistance to wastewater treatment plants related to emergency response and pretreatment program implementation issues.

Prior to his position as Regional Pretreatment Coordinator, Mr. Pimpare was a multi-media investigator with EPA's Investigations & Analysis Unit at EPA's Regional Laboratory. Mr. Pimpare has been involved in the pretreatment program since joining EPA many years ago and has a Bachelor of Science Degree in Civil Engineering from the University of Lowell, MA.

During Mr. Pimpare's career at EPA, he was personally sued for \$16 million in 1997 after performing a Clean Water Act inspection at a company in MA for allegedly violating the company's Fourth Amendment rights. After many years of ensuing court battles, the First Circuit Court of Appeals ruled that there is no reasonable expectation of privacy with regard to the discharge of industrial wastewater to a public sewer, and judgment was ruled in Mr. Pimpare's favor. This court decision and opinion regarding the discharge of industrial waste were groundbreaking and has been cited in securing favorable civil and criminal EPA enforcement cases around the country.



Jennifer Robinson
Environmental Scientist III
Utah Division of Water Quality
Salt Lake City, UT

Jen Robinson became interested in Environmental Engineering and wastewater her junior year of high school while attending Engineering State at Utah State University. In college, she interned with the Utah Division of Water Quality. After graduating from the University of Utah in Civil Engineering in 2002 she worked for MWH for a short time and was hired back with Water Quality as a permit writer. In 2004 she became the Pretreatment Coordinator for the state of UT.

Ms. Robinson and her husband Greg have two boys and a dog. She enjoys cooking and she and her family love traveling, hiking, biking, and playing in water.



Sean Rolland
Deputy Director
Association of Clean Water Administrators
Washington, DC

Sean Rolland is the Deputy Director and provides support to the Executive Director and the Association of Clean Water Administrators (ACWA) Board of Directors. He supports several ACWA Committees and Workgroups, serving as a liaison to managers and staff at the federal agencies. Mr. Rolland drafts letters, position statements, and testimony to be presented to Congress and the US Environmental Protection Agency. Having worked with the Association for more than a decade, his duties also include grants management, budget development, vendor negotiations, and contract review. He also keeps the membership informed on proposed guidance, regulations, legislation, and recent case law. Mr. Rolland initially joined ACWA in 2002 as a Legal and Policy Analyst.

He has a law degree from Stetson University College of Law and has undergraduate degrees in both Marine Biology and Environmental Studies from the Richard Stockton College of New Jersey.



Michael Scozzafava
Acting Director, Engineering and Analysis Division
Office of Science and Technology
US Environmental Protection Agency
Washington, DC

Mike Scozzafava has been serving as Acting Director of the Engineering and Analysis Division (EAD) in the Office of Science and Technology at the US Environmental Protection Agency (EPA) since January of this year. EAD has responsibility for developing Effluent Limitations Guidelines and Analytical Methods under the Clean Water Act.

Prior to assuming this role, Mr. Scozzafava served as Deputy Director of EAD since 2017. He has held a number of positions at EPA, including Chief of the Science Policy Branch in the Superfund Program,

Special Assistant to the Administrator, and Team Leader for the 2011 National Wetland Condition Assessment.

Mr. Scozzafava holds degrees from Washington College (MD) and the University of Delaware.



Nicole Sears
Environmental Specialist
Sacramento Regional County Sanitation District
Sacramento, CA

Nicole Sears is an Environmental Specialist III for the Sacramento Regional County Sanitation District (Regional San.), a publicly owned treatment works serving 1.4 million customers with a discharge over 100 million gallons per day of

secondarily treated effluent (tertiary by 2023) to the Sacramento River. Ms. Sears has been with Regional San. Since 2007. Since then, she has worked as a data entry technician, pretreatment inspector for federally regulated permits, and is now focused on pollutant accounting, achieving compliance with the Cross Media Electronic Reporting Rule (CROMERR) and agency environmental sustainability.

Prior to joining Regional San., Ms. Sears completed a BS in Wildlife, Fish, and Conservation Biology with an emphasis in Environmental Toxicology and Disease Ecology at University of California, Davis. She has experience in the private sector related to integrated pest management and reduced risk pesticide development for agricultural pests and medical device manufacturing.



Angela Walker
Pretreatment Compliance Coordinator
Brunswick-Glynn Joint Water & Sewer Commission
Brunswick, GA

Angela Walker started in wastewater in 1987 as an 18-year-old high school graduate. She has worked in the wastewater field for over 25 years and is currently the Wastewater Pretreatment Compliance Coordinator for the Brunswick-Glynn Joint Water & Sewer Commission (BGJWSC); She has held this position since September 2014.

In her current position, Ms. Walker monitors industrial discharge and enforces the FOG program. She is also currently the Acting Plant Manager of one of the BGJWSC wastewater plants here in Brunswick, GA.

Prior experience includes being a Wastewater Treatment Plant Operator, Lab Analyst, and Supervisor over 2 wastewater facilities, and superintendent over 2 wastewater facilities.

Ms. Walker is also the owner/ consultant for her environmental consulting practice; Angela G Walker LLC and has one client who is currently operating a biodiesel plant using brown grease as a feedstock.

Ms. Walker currently holds a State of Georgia Class 1 Wastewater Operator License, a Bachelor's in Psychology, and Juris Master's in International Law.



Brent Werlein
Engineer
City of Virginia Beach Public Utilities
Virginia Beach, VA

Brent Werlein is a licensed engineer with the City of Virginia Beach Public Utilities in Virginia Beach, VA. His current position is Project Manager and he has served as the Fat's, Oil's, and Grease (FOG) Program Manager since 2013. He holds an Associate in Applied Science in Bioenvironmental

Engineering Technology from the Community College of the Air Force and a BS in Environmental Engineering from the University of Wisconsin-Platteville. Mr. Werlein's duties range from reviewing FOG inspection data and issuing violations to performing pre preliminary engineering reviews for sanitary sewer pump stations and managing construction contracts.



Erica Yarbrough
Engineering Consultant
Carollo Engineers, Inc.
Walnut Creek, CA

Erica Yarbrough is an Engineering Consultant at Carollo Engineers with a range of experience in water and wastewater, including conducting risk and resiliency assessments and solids process design. Ms. Yarbrough holds a BS in Civil Engineering from Texas A&M University and an MS in Environmental Engineering from Stanford University.

Ms. Yarbrough is currently involved in Water Research Foundation (WRF) Project 4971, which seeks to understand how pretreatment programs can be leveraged for One Water initiatives.