

2018 NATIONAL CAPACITY DEVELOPMENT AND OPERATOR CERTIFICATION WORKSHOP

Foundational Programs: Achieving Compliance Through
Capacity Development and Operator Certification



August 8-10, 2018

Westin Indianapolis Hotel

Indianapolis, Indiana

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ABOUT THIS WORKSHOP

Welcome to the 2018 National Capacity Development and Operator Certification Workshop, co-hosted by the U.S. Environmental Protection Agency (EPA) and the Association of State Drinking Water Administrators (ASDWA). This is the fourth national workshop bringing together both the Capacity Development and Operator Certification programs. The first workshop was held in Dallas, Texas, in 2010, the second workshop was held in Atlanta, Georgia in 2013 and then the third in Dallas in 2015. The theme of this year's workshop, held in Indianapolis, Indiana, is Foundational Programs: Achieving Compliance Through Capacity Development and Operator Certification.

The 2018 National Capacity Development and Operator Certification Workshop will cover topics such as best practices and collaborations between and among state Capacity Development and Operator Certification Programs; water system partnerships and operator training; and how EPA, states, and assistance providers can be more effective and efficient in our collective support for achieving compliance in small drinking water systems. New for 2018 is a tribally-focused, full-day session for invited participants on August 8th. The tribal track will provide the opportunity for invited participants to share success stories and brainstorm new ideas on program functions.

The workshop was planned by a committee of EPA, ASDWA, state Operator Certification and Capacity Development Coordinators, and technical assistance providers. Members of the planning committee can be found on the last page of the program.

LOGISTICS

On August 8th there will be two concurrent tracks, one for States and EPA only discussions and one for tribal-focused discussions. Please note, the sessions on August 8th are intended for States, EPA, and invite-only tribal track participants. Technical assistance providers are welcome to join the sessions on August 9th and 10th.

All joint sessions under the state/EPA only and general sessions will be in [Capitol I & II](#). When sessions are split, Capacity Development track sessions will be held in [Capitol I](#) and Operator Certification track sessions will be held in [Capitol II](#). A floorplan of the hotel is included in this packet. Literature tables from some organizations will also be on display during the workshop.

Lunch will not be provided during the workshop; however, information about local restaurants is included in this packet. We would like your feedback on the effectiveness of the workshop, and have provided a feedback form in this packet.

If you need assistance at any time during the workshop, please see the staff at the registration table.

WORKSHOP AT A GLANCE

All joint sessions will be held in [Capitol I & II](#), all Capacity Development track sessions (marked with an A) will be held in [Capitol I](#). Operator Certification track sessions (marked with a B) will be held in [Capitol II](#). Sessions on August 8th are open to state, EPA or tribal participant invitees only.

WEDNESDAY, AUGUST 8 (STATE/EPA ONLY DISCUSSIONS)

7:00am – 8:00am	Networking/Registration
8:00am – 9:00am	Introduction & Welcome Session
9:00am – 10:00am	01 Capacity Development & Operator Certification Working Together to Support Compliance and Sustainability Part I
10:00am – 10:30am	Break
10:30am – 12:00pm	02 Capacity Development & Operator Certification Working Together to Support Compliance and Sustainability Part II: Barriers to Program Collaboration
12:00pm – 1:30pm	Lunch – On Your Own
1:30pm – 3:00pm	03A Capacity Development: Its own program or umbrella program?
1:30pm – 3:00pm	03B Filling the Workforce Shortage/Succession Planning: State Primacy Role
3:00pm – 3:30pm	Break
3:30pm – 5:00pm	04 Achieving Small System Compliance through Financial Assistance
5:00pm – 5:15pm	Closing Remarks
5:15pm – 7:00pm	Welcome Reception

THURSDAY, AUGUST 9

7:00am – 8:30am	Networking/Registration
8:30am – 9:00am	Welcome Session
9:00am – 10:00am	05 Achieving Small System Compliance through Targeted Technical Assistance
10:00am – 10:30am	Break
10:30am – 12:00pm	06A Assessing Financial Capacity: Supporting capacity to maintain/obtain compliance
10:30am – 12:00pm	06B Operator Preparation: Understanding role in compliance, the community and beyond
12:00pm – 1:30pm	Lunch – On Your Own
1:30pm – 3:00pm	07 Water System Partnerships Solutions for Building TMF Capacity
3:00pm – 3:30pm	08 Promoting Sustainability: Federal Partners
3:30pm – 4:00pm	Break & Federal Partner Office Hours [Held in Capitol 3]
4:00pm – 5:30pm	09 Hot Topics in Capacity Development and Operator Certification

FRIDAY, AUGUST 10

7:30am – 8:30am	Networking/Registration
8:30am – 10:00am	10 Communicating with Decision Makers
10:00am – 10:30am	Break
10:30am – 11:30pm	11 Action Items... After the Workshop
11:30pm – 12:00pm	Concluding Remarks

THURSDAY, AUGUST 9

7:30am – 8:30am

NETWORKING/REGISTRATION**Capitol Foyer**

8:30am – 9:00am

WELCOME TECHNICAL ASSISTANCE PROVIDERS

9:00am – 10:00am

SESSION 5: ACHIEVING SMALL SYSTEM COMPLIANCE THROUGH TARGETED TECHNICAL ASSISTANCE**Capitol I & II***Ricardi Duvil, U.S. EPA Region 10, Moderator*

Session 5 will cover how small systems can achieve compliance through targeted technical assistance. Participants will hear from two state programs about how they approach technical assistance along with their technical assistance partners. During the session, participants will learn the importance of prioritizing technical assistance and methods used by primacy agencies and technical assistance providers. The session will also include a discussion on how available tools, such as SDWIS data, Enforcement Targeting Tool information and technical assistance provider feedback/reporting, can help primacy agencies make priority decisions.

Presentations by:

Carrie Bohan, Alaska Department of Environmental Conservation

Megan Young, Vermont Department of Environmental Conservation

10:00am – 10:30am

Break

10:30am – 12:00pm

SESSION 6A: ASSESSING FINANCIAL CAPACITY: SUPPORTING CAPACITY TO MAINTAIN/OBTAIN COMPLIANCE**Capitol I***Glenn Barnes, University of North Carolina Environmental Finance Center, Facilitator*

Session 6A will cover how financial capacity can help systems obtain and maintain compliance. During the session participants will discuss how financial and managerial capacity intersect with asset management initiatives and best practices for assessing financial and managerial capacity. The session will also showcase how systems are using rate setting tools to improve compliance.

SESSION 6B: OPERATOR PREPARATION: UNDERSTANDING ROLE IN COMPLIANCE, THE COMMUNITY AND BEYOND**Capitol II***Matthew Reed, U.S. EPA, Moderator*

Session 6B will focus on operator preparation, specifically understanding different roles within the community and beyond. Participants will discuss how to prepare operators to understand their responsibilities and the importance of the tasks they perform as well as how the examination and continuing education processes both contribute to operator preparation. Presentations will showcase collaboration approaches and the Arizona/Inter Tribal Council of Arizona testing collaboration.

Presentations by:

Brian Bennon, Inter Tribal Council of Arizona, Inc.

Noah Adams, Arizona Department of Environmental Quality

12:00pm – 1:30pm

Lunch (on your own)

1:30pm – 3:00pm

SESSION 7: WATER SYSTEM PARTNERSHIPS SOLUTIONS FOR BUILDING TMF CAPACITY**Capitol I & II***Ellen Tarquinio, U.S. EPA, Moderator*

Session 7 will highlight how to build technical, managerial, and financial (TMF) capacity through water system partnerships. During the session, EPA will share an update on the recently published partnership tools and materials that are available on their website. Presentations will focus on how various types of water system partnerships are helping support sustainable utilities and overall capacity development objectives through specific case studies. Group discussion on integrating partnerships into capacity development programs will follow.

Presentations by:

Kumar Menon, Director of City Utilities, Fort Wayne, IN
Ed Malone, Director of Water Utilities, Citizen Energy
CDR Tom Armitage, Indian Health Service

3:00pm – 3:30pm

SESSION 8: PROMOTING SUSTAINABILITY: FEDERAL PARTNERS**Capitol I & II***Jeri Weiss, U.S. EPA Region 1, Moderator*

Session 8 will showcase other Federal program initiatives that support similar goals as the Capacity Development and Operator Certification Programs.

Presentations by:

CAPT Eric Matson, Indian Health Service
LaVonda Pernell, U.S. Department of Agriculture's Rural Utilities Service

3:30pm – 4:00pm

Break - Federal Partner Office Hours **[Capitol 3 Room]**

4:00pm – 5:30pm

SESSION 9: HOT TOPICS IN CAPACITY DEVELOPMENT AND OPERATOR CERTIFICATION**Capitol I & II***Liz Melvin, Indiana Department of Environmental Management, Moderator*

Session 9 will include presentation on various new initiatives that technical assistance providers are undertaking. Attendees will also have the opportunity to participate in a discussion about issues on the horizon for Capacity Development and Operator Certification Programs.

Presentation Topics and Speakers:

- Apprenticeship Program by Bill O'Connell, National Rural Water Association
- Improving Learning and Knowledge Retention Through Effective Training Design by Jeff Oxenford, Rural Community Assistance Partnership
- Exams and Facility Classification by Megan Baker, Association of Board of Certifications
- WaterOperator.org by Steve Wilson, University of Illinois
- Workshop in a Box by Brian Bennon, Inter Tribal Council of Arizona, Inc.
- Asset Management and Mapping of Assets by Heather Himmelberger, Southwest Environmental Finance Center

FRIDAY, AUGUST 10

7:30am – 8:30am

NETWORKING/REGISTRATION**Capitol Foyer**

8:30am – 10:00am

SESSION 10: COMMUNICATING WITH DECISION MAKERS**Capitol I & II***Madina Mugisa, Georgia Department of Natural Resources, Moderator*

Session 10 will highlight case studies of successful communication with decision makers. During this session, RCAC will provide an overview of their experiences working with communities utilizing a specialized tool to help customers make informed decisions about appropriate rates. The Indian Health Service will also provide a case study of successful community engagement to develop a strategy to address arsenic issues through the Hopi Arsenic Mitigation Project.

Presentations by:

John Van den Bergh, Rural Community Assistance Corporation
CAPT Eric Matson, Indian Health Service

10:00am – 10:30am

Break

10:30am – 11:30am

SESSION 11: ACTION ITEMS...AFTER THE WORKSHOP**Capitol I & II**

During Session 11, participants will review and prioritize action items identified throughout the workshop.

11:30am – 12:00pm

CLOSING REMARKS**Capitol I & II***Cathy Davis, U.S. EPA, Facilitator*

SPEAKERS AND MODERATORS (listed alphabetically)

Noah Adams

Noah Adams has worked for the Arizona Department of Environmental Quality for 10 years. Noah works in the Safe Drinking Water Value Stream at ADEQ within the Operator Certification Program. Noah coordinates operator certification training throughout Arizona for approximately 6000 certified water/wastewater operators.

Kiri Anderer, P.E.

Kiri Anderer is a Senior Environmental Engineer on the Drinking Water State Revolving Fund Team at EPA headquarters. She has spent much of her 9 years with the Agency working on the American Iron and Steel/Buy American requirements, but also collaborates with the Capacity Development program and other programs that are crucial to the success of the DWSRF. Prior to EPA, Kiri spent 11 years working as a consulting engineer assisting communities with integrated water resource planning. She has a BS in Civil Engineering from Lehigh University, and a Master of Public Policy from The George Washington University.

Megan Baker

Megan M.L. Baker, CAE joined ABC in 2010. As Vice President of Operations, Megan manages the day-to-day activities of the Association's testing and certification team and oversees ABC's subject matter expert volunteers and consultants, as well as psychometric, computer-based testing, and information technology partners. Megan earned her Certified Association Executive credential in 2015. She graduated summa cum laude from Iowa State University with a Bachelor of Arts degree focused in the areas of educational psychology, assessment design, and business law and management and is active with the Association of Test Publishers, Institute for Credentialing Excellence, and American Society of Association Executives.

Andy Barienbrock

Andy Barienbrock is the Environmental Manager in charge of Ohio EPA's operations, resiliency and certification section. He has a Bachelor of Science Degree from The Ohio State University and a Master's Degree in Marine Science from Nova Southeastern University. Andy has been with the Ohio EPA's Division of Drinking and Ground Waters for 14 years. Prior to working for Ohio EPA, Andy worked with the Florida Department of Environmental Protection for 11 years.

Glenn Barnes

Glenn Barnes is Associate Director of the Environmental Finance Center based at The University of North Carolina School of Government. He joined the Environmental Finance Center in 2006. Glenn teaches workshops for environmental service providers, provides direct community assistance, and carries out research on a range of topics from green government, energy, and sustainability to stormwater management, water and sewer rate-setting, and wetlands and watersheds finance. Glenn co-leads the Environmental Finance Center Network's work with small drinking water systems across the country. Prior to joining the Environmental Finance Center, he worked for non-profits in New England focusing on renewable energy, biofuels, and environmental regulation. Glenn holds a BA and MPA from The University of North Carolina at Chapel Hill.

Brian Bennon

Brian Bennon is the Director of the Tribal Water Department at the Inter-Tribal Council of Arizona, Inc. (ITCA). Brian oversees the ITCA National Tribal Water & Wastewater Operator Certification Program and the ITCA Tribal Water Systems Program, as well as secures continued grant funding for those programs. He holds a Bachelor's of Science degree in Hydrology & Water Resources from the University of Arizona. Brian has worked directly for tribes in managing and protecting Tribal water resources for over 21 years.

Carrie Bohan

Carrie Bohan is the Program Manager for the Alaska Department of Environmental Conservation's Technical Assistance and Financing Program, in which she is responsible for oversight of the Operator Certification, Capacity Development, State Revolving Fund, and Remote Maintenance Worker (circuit rider) Programs. Carrie previously served seven years as a compliance and enforcement officer in the state's Drinking Water Program, as well as three years in the Coastal Management Program. Ms. Bohan received a Bachelor of Science in Natural Resource Ecology and Conservation from the University of Idaho.

CAPT Alex Dailey

Captain Alex Dailey is the Assistant Director of the Division of Sanitation Facilities Construction at the Indian Health Service headquarters office. He worked in private consulting in the San Francisco area and for the State of California's bridge construction division before re-joining the IHS DSFC Program in the Manlius, NY Field Office in 2003. He achieved licensure as a Registered Professional Engineer from the State of California in 2002 and certification as a Project Management Professional through the Project Management Institute in 2010. In September of 2015, CDR Dailey transferred to IHS Headquarters in Rockville, MD to take on the position of Assistant Director for the HQ DSFC Program. In this role, he supports the SFC Program's Tribal Utility Consultants, who provide capacity development support and operator training for Tribal utilities, and he oversees the issuance and use of the Program's Operation and Maintenance Guidelines. He attended Oregon State University, earning a B.S. in Civil Engineering in 1998 and earned a M.S. in Project Management from the University of Wisconsin-Platteville in 2016.

Cathy Davis

Cathy Davis is the Acting Branch Chief for the Protection Branch in EPA's Office of Ground Water and Drinking Water. Prior to her position in OGWDW, she worked in EPA's Office of Congressional and Intergovernmental Relations, Office of Children's Health Protection and Office of Resource Conservation and Recovery. She began her career at the Illinois Environmental Protection Agency as an analytical chemist.

Ricardi Duvil

Ricardi Duvil, Ph.D., P.E. is an Environmental Engineer for the United States Environmental Protection Agency (USEPA) Region 10, Seattle, WA. At Region 10, Dr. Duvil is the region coordinator for the Capacity Development and Operator Certification program. He is also the rule manager for the Surface Water Treatment Rule and the Lead and Copper Rule. Dr. Duvil works with states and Tribal water systems in the Pacific Northwest to identify ways to strengthen implementation of drinking water regulations, with a focus on building capacity and promoting sustainable water infrastructure. Previously, Dr. Duvil worked as a Water Engineer for the World Bank in the Capacity Development and Sustainability Division. He served as an active team member in various projects to help improving water access in many Latin America and Caribbean regions that are most water scarce and densely populated. Dr. Duvil has a Bachelor of Science in Environmental Engineering from Suffolk University, a dual Master of Science in Applied Geosciences and Environmental Engineering from the University of Pennsylvania and Johns Hopkins University, and a Doctor of Philosophy in Civil Engineering from Washington State University.

Christina Fierros

Chris Fierros has 25 years of experience assisting rural and tribal communities to solve quality of life issues. These include environmental, housing and infrastructure problems, as well as economic development issues and veteran's issues. She has managed, provided oversight and program implementation for over 15 years' worth more than \$35 million in funding grants and contracts. She has assisted commissions and boards in loan and grant procurements and management and has over twenty-five years of experience in various administrative and personnel responsibilities including secretarial duties, customer service, salary and personnel action resolutions, correspondence and computer skills. She has a BS in Accounting.

Adrienne Harris

Adrienne Harris joined the U.S. EPA in 2005 as an environmental scientist and currently works in the Office of Ground Water and Drinking Water. She has worked in the EPA Office of Water since 2009. She currently serves as the Sustainable Systems Team Leader. She has also served as a member of the Effective Rule Implementation Team managing the Stage 1 DBPR, Stage 2 DBPR, CCR and PN rules. Adrienne has also worked with EPA's Check Up Program for Small Systems (CUPSS), Water You Waiting For workforce video and other sustainability activities. Prior to working in EPA HQ, Adrienne held similar duties as an environmental scientist with EPA Region 1. Adrienne holds a B.S. in Environmental Science from Spelman College and M.E.M. in Environmental Management from Duke University.

Angela Hengel

Angela Hengel is a Regional Environmental Manager with RCAC. Angela is the program lead for the RCAC Tribal Circuit Rider Program, funded by USEPA R9, and the Hawaii Circuit Rider Program. Angela has an AA degree in Water Technology Education from Palomar College, a T3 Water Treatment Operator Certification and a D3 Water Distribution Operator Certification from the State of California. Angela has over 25 years of experience in the field of water treatment and distribution for large and small systems and was a Water/Wastewater Technology Education instructor at Palomar College from 1998 – 2015.

Heather Himmelberger

Heather Himmelberger is a registered professional engineer with over 30 years of experience working with water and wastewater utilities. She has a BS in Environmental Engineering from Penn State University and an MS from Johns Hopkins University and is currently enrolled in a PhD program in Civil Engineering at UNM. She has been Director of the EFC since 1996. Heather has provided asset management training and assistance for over 15 years and has delivered well over 150 Asset Management trainings throughout the U.S. She has assisted utilities of all different sizes, from the very small to the large, with the implementation of AM. She is a member of the EPA's Environmental Financial Advisory Board and a member of AWWA's Asset Management Committee.

Mary Hollingsworth

Mary Hollingsworth is the Public Drinking Water Program Administrator for the Indiana Department of Environmental Management (IDEM). In this capacity, she directs and oversees the management of the State's Public Drinking Water Program. Mary has over 39 years of environmental management experience with IDEM and the Indiana State Department of Health. She has been in her current position for three years. Prior to becoming the Drinking Water Program Administrator, Mary held various positions at the agency, including Branch Chief of the Surface Water, Operation and Enforcement, Section Chief of Permits, Operator Certification and Capacity Development, and Environmental Manger in the Field Inspection Section of the Drinking Water Branch. She has degrees from both Indiana and Purdue University.

Ed Malone

Ed Malone is the Water Production Manager at Citizen Energy in Indianapolis, IN. He is responsible for direct oversight and daily operations and operating cost of the Citizens Water system and ensures all activities associated with water production perform within the regulations established under the Safe Water Drinking Act and Clean Water Act. He has over thirty years practical engineering and operating experience with Indianapolis Water Company, White River Environmental Partnership, Veolia Water, and Citizens Water. Through the operation of water and wastewater utilities, he has significant experience with construction management, budgeting, compliance and safety, contract management, master planning, emergency management, regulatory and labor relations.

CAPT Eric Matson

CAPT Matson has served with the Indian Health Service for 28 years and most recently as the Director of the Phoenix Area Indian Health Service Sanitation Facilities Construction Program. He has served in six IHS offices in four states, has worked with over 100 Tribes, and has managed the O&M Program for both the Albuquerque Area IHS and Phoenix Area IHS Programs.

Liz Melvin

Liz Melvin has over 40 years of experience in public and environmental health. She spent the first 17 years in the public health field working 7 years with the Ohio Department of Health and 10 years with the Columbus Health Department (Ohio) before moving to Indiana. She began employment with the Indiana Department of Environmental Management in 1991 spending the first 5 years in IDEM's Office of Enforcement, Water Enforcement Section, then followed by a bit time working in wastewater compliance section before moving to the Drinking Water Branch in 1997 as the Section Chief for the Field Inspection Section. She held the position of Section Chief of the Field Inspection Section until July of 2014 when she accepted the position of Section Chief for the Permits, Capacity Development, and Operator Certification Section within the Drinking Water Branch.

Kumar Menon

Kumar Menon is the Director of City Utilities for Fort Wayne, IN. He's managed this department since 2008 and is responsible for responsible for providing water, waste water, storm water and electric services to the 2nd largest city in the state. Prior to this, he was the City Director for Indianapolis.

Madina Mugisa

Madina Mugisa is an Environmental Engineer with the Georgia Environmental Protection Division, and has been in the drinking water program since 2006. Ms. Mugisa holds a Bachelor of Science in Chemical and Biomolecular Engineering from the Georgia Institute of Technology and a Bachelor of Science in Engineering Technology from Alabama A&M University. Ms. Mugisa has experience in the areas of environmental engineering, regulatory compliance, engineering design, reviews, permitting, enforcement and other related field work. In addition, Ms. Mugisa serves as the State coordinator for the Georgia Operator Certification Program.

John Nickels

John Nickels is a Local Government Specialist that manages the Rural Utility Business Advisor (RUBA) program and the Local Government Assistance section of the Division of Community and Regional Affairs, Alaska Department of Commerce, Community, and Economic Development. The RUBA Program works to improve sustainability by building the managerial, technical, and financial capacities of rural water and wastewater utilities managed by tribal and municipal governments throughout all regions of the State of Alaska. He has worked for the RUBA program for 13 years, and previously had over 27 years' experience living in and working with rural Alaskan communities administering local government and managing water and wastewater utilities.

Bill O'Connell

Bill O'Connell is a program manager with the National Rural Water Association supervising grants and contracts with USDA and EPA. He is also the program manager for the NRWA Apprenticeship Program. Bill has 24 years of professional experience working with public water systems (PWS) and has been involved with training and source water protection programs from the PWS level up to managing nationwide programs. As the Groundwater Specialist for 12 years with Montana Rural Water Systems Inc., he initiated the EPA/NRWA Wellhead Protection Program in Montana. Bill lives in Duncan, OK.

Bridget O'Grady

Bridget O'Grady is the Policy and Legislative Affairs Manager for the Association of State Drinking Water Administrators (ASDWA). Her primary activities include policy work in the areas of small drinking water system training and technical assistance needs, capacity development, and operator certification issues. She also is the principal lead for drinking water security initiatives. Finally, she tracks Federal legislative proposals that have a potential impact on state drinking water programs. All of these initiatives are in support of information and technology transfer among states to enhance effective implementation of the requirements of the Safe Drinking Water Act and applicable Federal drinking water regulations.

Jeff Oxenford

Jeff Oxenford is a training and technical assistance specialist for the Rural Community Assistance Partnership (RCAP). His duties include training design, curriculum development, and technical assistance. Jeff has over 25 years of experience with the water supply industry and combines a strong technical background in water quality and treatment, with experience in knowledge management and technology transfer. He provides training for water system operators and managers on a range of topics including distribution system water quality, water loss control, operator math and chemistry, and standard operating procedures. In addition, to his work at RCAP, Jeff is the Principal at Oxenford Consulting and directs the SOP Cooperative. He also has worked for the Water Research Foundation, Stratus Consulting, and the New Jersey Department of Environmental Protection. He has an M.S.E. in Environmental Engineering from the University of North Carolina at Charlotte and a B.A. in Chemistry and Environmental Management from Warren Wilson College.

LaVonda Pernell

LaVonda Pernell is a Community Programs Specialist at the U.S. Department of Agriculture's Rural Utilities Service where she provides oversight for the Water and Environmental loan and grant programs and collaborates with other federal agencies to help enhance the quality of life in rural communities across the country. She serves as the Grant Manager for the Technical Assistance and Training Grant program and the Solid Waste Management Grant program. In 2012, LaVonda took on the role of Sustainability Project Coordinator where she has been working with the U.S. EPA to develop and implement tools to help rural and small systems become sustainable. Along with her colleagues at EPA, LaVonda has been instrumental in promoting the use of these sustainability tools amongst RUS staff, rural and small utilities, and technical assistance providers. Prior to working for USDA, Ms. Pernell started her career in the Financial Services Industry as a Senior Banking Officer.

Brando Pusher, P.E., Project Engineer

Mr. Pusher has 16 years' experience in civil engineering. His professional experience includes engineering services for complex residential, commercial, industrial and public improvement projects, water distribution, pumping plants, wastewater collection systems, hydrology analysis, floodplain hydraulics, storm water management plans, construction cost estimates and construction management services. Mr. Pusher has worked with a private engineering consulting firm in Sedona, AZ for over 6 years as a Design Engineer and a Project Engineer. He has also worked with the Indian Health Services, Division of Sanitation Facilities Construction, in Seattle, WA for 4 years as a Field Engineer and a Tribal Utility Consultant. Mr. Pusher is currently employed with the White Mountain Apache Tribe, Fort Apache, AZ in the Water Resources Program and Tribal Utility Authority, as a Project Engineer. Mr. Pusher received his Bachelor of Science in Civil Engineering from Northern Arizona University, in 2003. Mr. Pusher is a registered Professional Engineer in the State of Arizona.

Matthew Reed

Matthew Reed joined the EPA in 2003 as a Resource Conservation and Recovery Act (RCRA) Enforcement Officer in Region 9. In 2010 he moved to EPA HQ to the Office of Ground Water and Drinking Water working on PWSS oversight, and in 2013 he became the national Operator Certification / Water Workforce Coordinator addressing the Operator Certification program.

Alan Roberson

Alan Roberson is Executive Director of the Association of State Drinking Water Administrators (ASDWA). ASDWA's members (the state drinking water agencies) are co-regulators with the Environmental Protection Agency (EPA). Mr. Roberson has over 27 years of experience in the development of drinking water regulations. He works closely with EPA and the state and territorial drinking water agencies in the development and implementation of federal drinking water regulations. Mr. Roberson coordinates with his members to establish the policy direction on all federal water regulatory and security and preparedness issues, as well as manage the finances and strategic planning for ASDWA.

CDR Sam Russell

CDR Samuel Russell is the tribal drinking water coordinator at EPA headquarters and has over ten years' experience in tribal drinking water. He is a registered professional engineer in the state of Arizona. He has a bachelor's degree in civil engineering from Clarkson University, master's degree in civil engineering from the University of New Mexico, and masters of public health from the Johns Hopkins Bloomberg School of Public Health. CDR Russell was an urban water sanitation volunteer with the Peace Corps in Cote d'Ivoire followed by eight years with the Navajo Area Indian Health Service where he managed design and construction of water and wastewater facilities. Before coming to USEPA, CDR Russell served as national transportation safety program manager for the Nation Park Service.

Susan Schell

Susan Schell holds a BS in Chemical Engineering from The Ohio State University and a Class III Water Supply Operator license. She has worked the last 28 years for Ohio EPA as a plan reviewer, water system inspector and the last 6 years as the Manager of the Engineering & Infrastructure Section.

CDR Lyle Setwyn

CDR Setwyn serves as the District Utility Consultant for the Reno District Office of the Phoenix Area covering Utah, Nevada, and parts of Southern California. He received his Bachelors in Geotechnical Engineering, Geology, and Mathematics from the UW-Madison and received his Master's Degree in Green Technology from the University of Southern California. CDR Setwyn is a licensed Civil Engineer, Sanitarian, and is a Level 3 water treatment/distribution operator-in-training in Nevada. He has 9 years water and sewer design experience and 2 years regulatory experience.

Laurie Sharp

Laurie Sharp has been with the Iowa Department of Natural Resources Water Quality Bureau for just under eighteen years. She is currently the Operator Certification Coordinator as well as the Capacity Development Program Coordinator for the State of Iowa. Laurie is a graduate of Truman University and has participated in more Water Industry committees than she can count over the years on both the National and State Level. Before coming to the Department of Natural Resources Laurie was with the Iowa Department of Public Health for seven years.

Ellen Tarquinio

Ellen Tarquinio is an environmental protection specialist at the U.S. EPA, focusing on water system partnerships and regionalization for drinking water systems. She started at the EPA in 2004, developing and leading the National Rivers and Streams Assessment and National Lakes Survey, as well as leading efforts to develop monitoring programs at the States and other Federal Agencies. After a year working as Special Assistant for the EPA Administrator, she served as the Deputy Director for Water Policy at the White House. Before coming to EPA, Ellen worked as a fisheries biologist at New York State and attended the University of Pennsylvania and the University of Maine.

Jane Thapa

Jane Thapa is the Chief of the Professional Certification Section in the Bureau of Water Supply Protection at the New York State Department of Health. In addition to Drinking water operators, certification is also provided for Backflow Prevention Device Testers and Water Bottlers and Potable Water Bulk Haulers. She has worked in the Bureau for 20 years following 9 years in Hazardous Waste Remediation and a stint as a Peace Corps Volunteer in Nepal working on drinking water and sanitation projects.

Anita Thompkins

Anita Thompkins is the Director of the Drinking Water Protection Division (DWPD) in U.S. EPA's Office of Ground Water and Drinking Water. DWPD, in collaboration with primacy agencies, tribes and our water sector stakeholders, is responsible for implementing the Safe Drinking Water Act to ensure Americans have safe drinking water. Anita previously served as Assistant Director for Water and Aquatic Resources at the U.S. Forest Service, managing a team of analysts, scientists and engineers who developed policies on national watersheds, fisheries and aquatic resources. Prior to joining the Forest Service, Anita led the Drinking Water and Municipal Infrastructure Branch in EPA Region 2, where she provided oversight on implementation of drinking water regulations by the states of New York and New Jersey, the Virgin Islands, and Puerto Rico, managed the State Revolving Fund Program, and played a critical role in EPA's response to Superstorm Sandy. Additionally, Anita has a wealth of experience in the private sector, including founding and directing her own business. Anita is a veteran of the United States Air Force, where she was promoted to the rank of Captain. Anita is a graduate of the Air Force Academy (BS in Civil Engineering), the California College of Health Sciences (MS in Health Promotion and Community Wellness) and Adelphi University (Master of Business Administration).

Leslie Temple

Leslie Temple joined EPA in January 2017 in the Office of Groundwater and Drinking Water. As a member of the Sustainable Systems team in the Protection Branch, Leslie serves as the Workforce Coordinator and supports Tribal Drinking Water Coordination. In addition, she serves as Project Officer of a Training and Technical Assistance for Small Systems grant. Prior to joining the Sustainable Systems Team, Leslie served as a Peace Corps Volunteer in Panama, promoting public health education and clean drinking water access. Leslie holds a B.A. in Global Affairs and Sociology from George Mason University.

Steve Terry

Steve Terry was the Land Resources Manager for the Miccosukee Tribe of Indians of Florida for over 25 years, where he administered the Real Estate Services Department and oversaw EPA and other grants. USET acquired his services in 2011, where he now assists the USET Certification Board for Water and Wastewater Treatment Plant Operators and Laboratory Analysts by overseeing applications for Certification by the USET Operator Certification Program. Through his efforts, USET became an EPA Approved Provider for Drinking Water Certification for Indian Tribes nationwide. Steve has over 33 years of working with Tribes and Federal and State Agencies, 26 years in Water and Wastewater. He received the Michal A. Frost Award from the National Tribal Environmental Council for environmental leadership, the National Partnership for Reinventing Government from Vice-President Al Gore for the Peer Review Team, and Honors from Harvard University's Honoring Contributions in the Governance of American Indian Natives for the Miccosukee Section 404 Permitting Program.

John Van den Bergh

John Van den Bergh is the Rural Development Specialist-Environmental for the Rural Community Assistance Corporation (RCAC) in Sacramento, California. In this current role at RCAC he performs and explains water rate studies and assists districts in complying with Prop 218. Prior to joining RCAC he was the President of Kerry Blue Terrier Foundation where he assisted other non-profits with their capacity development. He has a Finance MBA from the University of Michigan, holds licenses as a Water Distribution Operator (D2) and Water Treatment Operators (T2) and is a certified Project Management Professional (PMP).

Diane Vitello

Diane Vitello is the Capacity Development and Source Water Protection Unit Chief for the Missouri Department of Natural Resources. Diane and her staff provide technical, managerial, and financial assistance to public water supply systems across the state. In addition, her team is responsible for coordinating with external technical assistance providers, developing and administering technical assistance contracts, and providing abandon well plugging subawards. Diane started her career in the Water Resources Center performing dam breach inundation mapping for high hazard potential dams. Upon completion of the project, Diane moved to the Hazardous Waste Program where she served as a RCRA project manager before joining the Public Drinking Water Branch. Diane received both her Bachelor and Master degrees from the Missouri University of Science and Technology.

Gerald Wagner

Gerald Wagner is an enrolled member of the Blackfeet Nation. Gerald has worked for the Blackfeet Tribe in the Blackfeet Environmental Program for the past 20 years and has been a director for the past 18 years. He supervises various environmental multi-media grants and has been assigned to be the administrative director of the Tribes two Drinking Water/Wastewater programs that cover seven outlying communities and the major supplier to the Town of Browning with its population of over 4,000 residents. Gerald also oversees the tribes Solid Waste Management Programs and presently serves as the Chairman of EPA Region VIII Tribal Operations Committee and is the Region VIII representative to the National Operation Committee in Washington D.C. under the Office of International and Tribal Affairs. He received an associate's degree in Math and Science from Little Big Horn Community College and completed undergraduate studies in Biology and Native American Studies at Montana State University.

Kathy Weinsaft

Kathy Weinsaft began her career as Chief of Solid Waste Planning and Technical Assistance for the State of Missouri after completing her degrees in political science, sociology and a graduate degree in Public Administration. She also served as State Recycling Coordinator. After more than a decade in this position Kathy moved to Wyoming and worked as a federal contractor helping 21 tribes in 4 states with water, wastewater, solid waste, board training and sustainable utility management. 12 years ago, she began her position as Training Director for Wyoming Rural water where she focuses her attention on sustainability issues for very small systems. Kathy is an avid hiker, stained glass artist and is owned by three special need pugs.

Jeri Weiss

Jeri Weiss has been working in the Boston Office of the U.S. Environmental Protection Agency for the most of her career, in a variety of roles. She has worked in the Superfund, RCRA, and air programs. She has led and been a part of many collaborative processes addressing complex environmental issues from communities' concerns about cancer rates, developing a mercury action plan with the New England States and Eastern Canadian Province and a database of communities acting on resilience in New England. Currently she works with the Capacity Development in the drinking water program.

Steve Wilson

Steve Wilson is a groundwater hydrologist who has been with the Illinois State Water Survey at the University of Illinois since 1983. He authored The Private Well Class, an online self-paced curriculum for private well owners, and manages www.WaterOperator.org, an online resource for water and wastewater operators geared toward supporting small systems. He is past Director of MTAC, and is involved in a number of small system initiatives with RCAP, as well as being part of the WINSSS small system treatment technology center led by the University of Massachusetts at Amherst.

Cathrine Wunderlich

Cathrine Wunderlich is the WI Department of Natural Resource, Public Water Engineering Section Chief. Prior to joining the WI DNR in 2014, she worked as a municipal engineer with a private engineering consulting firm for nearly 17 years. Cathy supervises the DNR's public water engineering section, consisting of eight water supply plan review engineers and a water supply specialist. Cathy's section reviews and approves all proposed community water system improvements, as well as manages the engineering portion of the Safe Drinking Water Loan Program, capacity development, operator certification and the small system technical assistance programs.

Dorothy Young

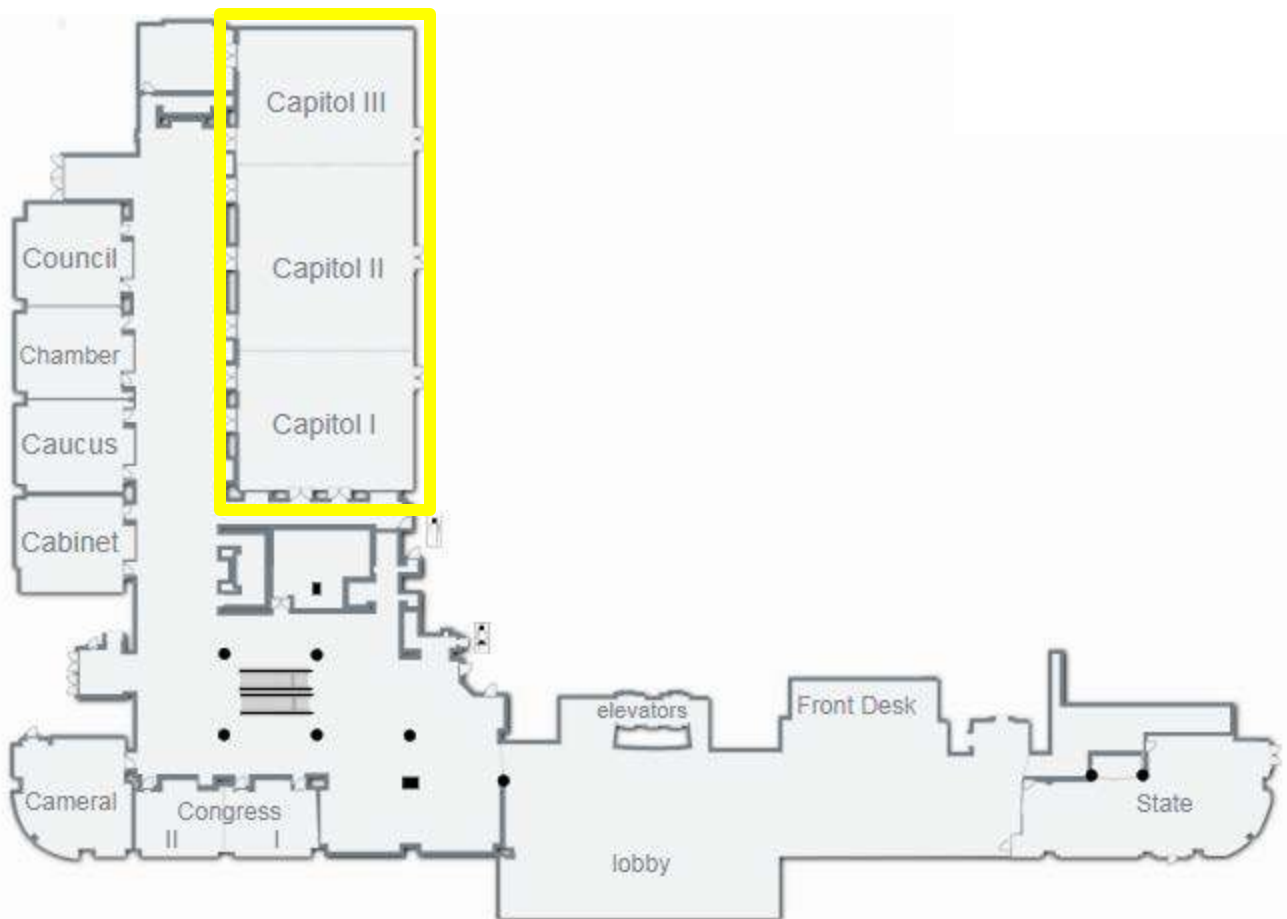
Dorothy Young works on the Response and Capacity Development team in the Water Supply Division at the Texas Commission on Environmental Quality. In addition to working with "at-risk" water systems and receiverships, Dorothy works with the State of Texas' Emergency Drinking Water Task Force, working with public water systems impacted by the severe drought. She is a member of the Texas Water Infrastructure Coordination Committee and works closely with other state and federal agencies to assist public water systems with projects. Dorothy's background includes drinking water enforcement, providing assistance to water systems and helping develop regional drinking water projects. She received both her Bachelor of Science and her Master degrees from the University of Wisconsin - Madison.

Megan Young

Megan Young received her Master's Degree from the University of South Carolina in Earth and Environmental Resource Management and began working for the Vermont Drinking Water and Groundwater Protection Division in 2007. She has held numerous positions within the Division over the years which has given her a unique perspective on the issues Vermont Water Systems face. As the TNC (Transient Non-Community) Program Specialist she conducted sanitary surveys and managed all compliance activities for 700 of Vermont's smallest water systems. After 6 years, she moved to the Operations Section of the Division and conducted sanitary surveys and issued operating permits for the State's Community and NTNC (Non-Transient Non-Community) Water Systems. In the last 11 years Megan has inspected approximately 900 of the 1400 water systems in the State of Vermont and her experience led her to the Capacity Program. Megan has firsthand experience with the challenges that Vermont's Water Systems face and is using that experience to help improve their technical, managerial and financial capacity.

HOTEL FLOORPLAN

Westin Indianapolis Hotel - First Floor



***Note: All sessions will take place in Capitol I and Capitol II. The Federal Partner Office Hours will be in Capitol III during the afternoon break on Thursday, August 9th.**

2018 NATIONAL CAPACITY DEVELOPMENT AND OPERATOR CERTIFICATION WORKSHOP PLANNING COMMITTEE MEMBERS

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