

First Name	Last Name	Title
Erich	Pacheco	Equity and Policy Manager
Andrew	Hildick-Smith	OT Security Lead
Nick	Dragisich	Managing Director
Meg	Roberts	Senior Associate
Peter	Martin	Client Solutions Manager
Zachary	Jaffe	
Thomas	Walski	Sr. Advisory Product Manager
Steve	Spry	VP/CTO
Greg	Smith	Programming and Configuration Practice Area Lead
Martin	Scanlan	
Vanessa	Paneto	Associate Engineer
Nelson	Nuezca	

Bob	Reilly	
Katherine	Hallaway	Senior Project Manager
Kiran	Udayakumar	
Mark	Knudson	Sr. Consultant
Sarah	Lingley	Water Business Leader
James	Cooper	Global Director, Water Optimization
Chris	Wanner	Director of Operations
Satish	Tripathi	Managing Engineer

Stephen Jackson Senior Software Engineer

Tim O'Toole

Fred Ruinen Corporate Sales Manager

Bradley Veath Vice President of Sales

Leslie Scott Chief Engineer

Randy Moore Director of Sales- Industry Affairs

Misty Cobb Integration Specialist V

Joe Dryer

WILLIAM

HORNE

Valdis

Krumins

Kevin

Campanella

Planning and Asset Management Director

David

Hughes

Principal

Jack

Moyer

Mike

McGill

Owner

Jeannie

Krueger

Associate Vice President

Stephen

Spratt

Sr. Vice President

Teresa Irby-Butler

Martin Bureau Vice-President

Ben Chenevey Senior Water Engineer

Geneva Caponi Engineer

Steve Helm National Sales Manager

Jacqueline Corey Condition Assessment Engineer

Joachim Gloschat Senior Security Advisor

Rebecca Paustian

Chuck	Hansen	Chairman & CEO
Laura	Sproule	Product Manager
Clinton	McAdams	Regional Condition Assessment Lead
Shannon	Wedding	Water Product Manager
Kevin	Laptos	Planning Leader
Linda	Warren	
Allison	Lemay	
Rajendra	Vaidya	Chief Technologist
Darrel	Field	
Michael	Britch	WWSP Engineering and Construction Manager

Joel Weakland

Rabia Mady Technical Director – Linear Infrastructure

Golnaz Khorsha

Lindell Ormsbee Director

Andrew Chastain-Howley

Michelle Frandsen

Rachael Barlock

Rob Corazzola

Richard Dietz

Andrew Fuller Project Engineer

Adam Farguson

Cynthia Baughman Water Utilities Technology Director

Daniel Rickard Engineering Project Manager

Billy Coffelt

Martin Vaerum Product Manager

David Peters Principal Engineer

Jude Grounds Vice President

Leslie Moening Lead Program Manager

Brian Kearney

Company

Portland Water Bureau

WaterISAC

Baker Tilly Municipal Advisors, LLC

Hazen and Sawyer, P.C.

Landtech Consultants Inc.

Bentley Systems, Inc.

Spry Squared, Inc.

West Yost Associates

Aegion

Elsinore Valley Municipal Water District

Elsinore Valley Municipal Water District

EMA, Inc.

BGE, Inc.

Arcadis

Special Districts Assoc of Oregon

WSP

Arcadis

Portland Water Bureau

Bentley Systems

Steel Tank Institute / Steel Plate Fabricators Ass

Fisher Tank Company

CB&I

Tank Industry Consultants

Tnemec Company, Inc.

Ferguson Waterworks

Sensus, a xylem brand

NDT Corporation

USDA Rural Utilities Service

Burgess & Niple

Modernizing Distribution

AECOM

WaterPIO

Arcadis, U.S.

Government Services Group

Government Services Group

Sanexen Environmental Services Inc

Arcadis U.S., Inc.

Freese and Nichols, Inc.

Arizona Tap Master, Inc.

Black & Veatch

Woodard and Curran

Electro Scan Inc.

Mueller Water Products - Echologics

Black & Veatch

iHydrant

Black & Veatch

Launch! Consulting, Inc.

Baker Tilly

Woodard & Curran

PMA Consultants, L.L.C.

Tualatin Valley Water District

Brown and Caldwell

GHD

Kentucky Water Research Institute

Black & Veatch

HDR Inc

Southeast Michigan Council of Governments

Arcadis Canada

The District of Columbia

Black & Veatch

City of Fort Worth

City of Garland

PA American Water

City of Fort Worth - Water/Field Operations

Kamstrup Water Metering

Portland Water Bureau

Carollo Engineers

Greater Cincinnati Water Works

CDM Smith

Bio

Erich Pacheco (he/him) is the Equity and Policy Manager at the Portland Water Bureau. He leads a team that focuses on eliminating disparities in services, policies, practices, and resource allocations to produce measurable outcomes. Andrew Hildick-Smith is a licensed professional engineer, who worked at a large water and wastewater utility for 30 years, where among other roles he was responsible for the operation, maintenance, and security of the system. Nick is team leader for BTUS's financial management practice. He has more than 30 years of management experience, including service as a city administrator, assistant city manager and city engineer. As the Assistant City Manager – Operations for Spokane, Washington. He joined Baker Tilly in 2000 and became the management consulting services practice group leader in 2003. Nick has been directly responsible for or involved in numerous utility rate studies and cost analyses, cost allocation studies, long-range financial planning models, fiscal impact studies, organizational management studies, and staffing analysis studies for clients in California, Iowa, Illinois, Indiana, Kansas, Maryland, Minnesota, Montana, Missouri, Nebraska, New York, North Carolina, North Dakota, and South Dakota. Ms. Roberts has over 19 years of experience working on water quality and distribution systems. Her area of expertise is distribution system master planning, water quality, developing and calibrating hydraulic models, and water distribution system design. Peter Martin has been helping water & wastewater utilities and their consultants solve problems with digital water and asset management software since 1999. He is a Client Solutions Manager with SUEZ, one of the largest utilities in the world, serving drinking water to over 66 million people worldwide. Peter has a Civil Engineering degree from the University of Texas at Austin. Zach is the GIS coordinator at LandTech Consultants. He began his career out in the field in Texas, working in water utility operations. He then transitioned into GIS and surveying, joining LandTech in Westford, MA. He now spends his time focusing on 3D data acquisition, BIM and GIS integration and implementation. He knows what it's like to be out in the streets at 2 am, in the dead of winter in New England, looking for a valve to fix a leak. Tom Walski is a senior product manager at Bentley Systems, Inc. He has 45 years of experience in applied hydraulics for water and wastewater systems. He is author of hundreds of journal papers and conference presentations and is the author or co-author of several books. He is trustee for the Distribution and Plant Engineering Institute. Stephen Spry is a recognized technology and business leader known for crafting strategic visions to achieve IT business and Cybersecurity goals, focusing on monitoring and alerting for firmware compromise. Stephen offers over 30+ years of IT experience including 15+ years of senior management in cybersecurity, IT architecture, software development, implementation, support, project management, system, and strategic planning. Stephen Greg Smith is a professional control systems engineer with over 11 years of experience. He serves as the programming and configuration practice area lead for West Yost Associates. In this role, he is continuously exploring ways to enhance the cybersecurity posture of utilities starting at the PLC. He has experience in PLC and HMI programming, SQL database management, SQL Server Reporting, and control systems design. His project experience includes PLC programming for water and wastewater treatment plants. Marty is an experienced engineer in the municipal industry with a strong sales and applications engineering background and 15 years in the trenchless piping industry. He holds a BS in Chemical Engineering and is a registered Professional Engineer in the state of California. He has over 25 years of experience in the municipal water and wastewater industry. Vanessa Paneto is an Associate Engineer at the Elsinore Valley Municipal Water District. She graduated from the University of California, Irvine with bachelor's and master's degrees in Civil Engineering. She has 7 years of experience in the water/wastewater industry. Vanessa manages Capital Improvement Projects through planning, design, and construction. She recently acquired her Water Distribution Operator Grade D1 and Water Treatment Operator Grade D1 licenses. Mr. Nuezca is a Principal Engineer with Elsinore Valley Municipal Water District. He has more than 19-years of professional experience managing planning, design, and construction of municipal water and wastewater treatment, collections, and distribution system projects in the Southern California region. Education: B.S. in

Bob is a top-to-bottom cybersecurity, network, and technology professional with over 25 years of success helping utility clients create secure, reliable, systems and networks that support intelligent decision making in alignment with organizational goals. He is a technology innovator who understands the practicality and use of intelligent water systems and the digital utility frontier. Bob has worked closely with clients on the development of cybersecurity practices, cloud implementations, as well as standards for data and enterprise governance. He Kate Hallaway, PE, has almost two decades of experience as a professional engineer, managing and designing complex urban civil infrastructure and construction projects in the greater Houston area and around the state of Texas. She currently focuses on leading project design and construction management for water plants, wastewater plants and large diameter water lines. Throughout her career, Kate has served on various corporate Kiran is a Project Engineer with Arcadis helping drinking water utilities across the country configure, manage, and optimize consumer lead testing and service line replacement programs. Currently he has worked on, over 1,400 Public water systems and specializes in analyzing water quality data and developing business intelligence solutions to visualize and report key performance indicators to stakeholders. Kiran's expertise helps utility clients Mark has over 40 years of experience in the water industry, working from an entry level operator at a wastewater treatment plant to eventually becoming the CEO of the Tualatin Valley Water District, the second largest water utility in Oregon. Along the way, he has worked for the Portland Water Bureau, Carollo Engineers, and TVWD.

Sarah Lingley is a professional civil engineer in the water industry with 14 years' experience in project management, planning and design of water, wastewater and stormwater projects for public and private clients. Sarah has significant experience supporting utilities in performing risk and resilience assessments and emergency Jim serves as the global director for water at Arcadis with 18 years experience as a certified operator, professional engineer, and utility manager. He is Vice-Chair of the AWWA Engineering & Construction Division, Lead a culturally and diverse group of professional and union-represented staff of 150+ in the largest water utility in Oregon – staff include all levels of education from PhDs to Utility Workers Directly manage a budget of over \$60 million and manage program assets of ~\$4B and as a member of the bureau's executive team, participate in the development of the bureau's capital and operations budget, rate setting and bond funding Development and Implementation of Asset Management systems for the bureau Development and oversight of the bureau's Strategic Plan Liaison and negotiator to the bureau's 19 wholesale customer water districts/utilities Develop and maintain relationships between the Bureau and the EPA, State primacy agencies, and health authorities – policy and regulation development and implementation Management responsibilities for the city's primary drinking water source, the Bull Run Watershed, 102 sq miles of pristine forest co-managed by the USFS and the Portland Water Bureau

Satish Tripathi, P.E. is a professional engineer and serves as a managing engineer (Lead, Water Planning Engineer) in City of Houston. Mr. Tripathi is responsible for planning of water infrastructure to serve more than 5 million people in Greater Houston Region. Mr. Tripathi is currently perusing Ph.D. in Water Engineering from Texas A&M University, College Station. He holds master and bachelor's degree in Civil Engineering. He has more than 16 years of experience in modeling and planning of water and wastewater systems. Mr. Tripathi is known innovative thinker and problem solver. He is currently leading "Digital Twin" initiative of Houston Water to bring best and latest technology in the utility. He is currently serving as founding member of AWWA's Digital Twin

Stephen graduated from Cornell University with a bachelor's in Physics, and received his master's in Civil Engineering from the University of Texas at Austin.

After 10 years of engineering design work in hydrology and hydraulics, Stephen transitioned to Bentley Systems where he can focus on his love of building analytical tools.

Tim O'Toole is the Executive Vice President for the Steel Tank Institute/Steel Plate Fabricators Association. He has been with STI/SPFA for two years and has nineteen years of experience in the trade association world.

Tim is a graduate of Elmhurst University and past President of the Elmhurst University Alumni Association Board. Fred Ruinen has worked at Fisher Tanks Company in varying capacities for almost 28 years. As Vice President, he is involved in all areas of the firm's business activities. Fred's career in the tank industry has allowed him to work with customers in a variety of industries and has granted him the ability to understand their unique needs for tank construction, maintenance, and repair. Fred oversees and contributes to Fisher's project estimating and proposals. He also directs the company's marketing and project research efforts. His experience with project estimating and execution contributes to Fisher's ability to provide reliable proposals and effective solutions to Bradley M. Veath, P.E.

Vice President of Sales - USA
CB&I

Brad is currently Vice President of Sales – USA for CB&I - a McDermott Company, and is the Chairman of the Steel Tank Institute / Steel Plate Fabricators Association's Field Erected Committee. He has over twenty-nine years of experience with CB&I Storage Products holding roles in design, fabrication, and construction of API and AWWA storage tanks and ASME vessels as well as assignments in marketing and business development. Brad is a graduate of the University of Illinois Urbana-Champaign with a Bachelor's of Science in General Engineering and is a licensed professional civil engineer.

Leslie Scott has over 42 years of experience in the engineering, detailing, construction methods, coatings, seismic design, sloshing wave considerations, and development of improved tank construction details for enhanced corrosion protection performance and improved asset preservation results. He is a nationally recognized expert with his experience in design for construction and repair of steel tanks. He has been

Randy is the Director of Sales - Industry Affairs for Tnemec Company in Kansas City, Missouri, where he has worked since 2017. This was his second stint at Tnemec, where he also worked from 1984-1998. Randy has been an active member of the Missouri Section since joining AWWA in 1985.

Randy is the current Missouri Section Director on the AWWA Board of Directors and has previously served on the Board of Directors as the Service Provider Director-at-Large and Vice-President. He has also served as Manufacturers & Associates Council Vice Chair, Innovation Initiative creator and Co-chair, Technical & Education Council liaison and on several standards committees. He is currently serving as Chair of Innovation Committee and Chair for the workgroup developing the new Innovation Manual of Practice M82.

Randy is also a member of AMPP, NRWA and the Engineer's Club of St. Louis, and was appointed by the Governor of Missouri to serve as a Commissioner on the MO Safe Drinking Water Commission from 2005-2009. Experienced Project Coordinator and Integration Specialist related to AMI System Installation for Ferguson Enterprises. Successful project planning and completion based on best practices. High level planning and project support with 16 years experience in AMI Solutions including meter reading, leak detection, pressure profile, Joseph Dryer has been working with smart water solutions over the last six years as a product manager and solutions engineer with Sensus, a Xylem brand. Joseph's passion in the water industry is working with utilities to leverage monitoring and data to drive actionable insights that help save time, save money, and do more with

Mr. Horne is the president of NDT Corporation, a non-destructive testing company based in Sterling Ma. For over 25 years NDT Corporation (NDT) has provided innovative non-destructive testing services for evaluating all types of infrastructure materials including: concrete, timber, steel, masonry, asphalt, soil and rock.

Working in the consulting industry for over 30 years, Mr. Horne has experience successfully managing inspection/assessment/rehabilitation projects for many private and governmental clients. His technical background with all types of structures, knowledge of construction practices, experience with foundation/soil interaction and expertise in geophysical investigations demonstrate his unique qualifications for a wide variety of infrastructure related projects. Mr. Horne is published in the field of geophysical investigations and has also applied this technology to the non-destructive testing of concrete, steel, masonry and timber members.

Mr. Horne received his BS (1988) and MS (1992) in Civil and Environmental Engineering from Clarkson University
Valdis Krumins is the senior national engineer for the USDA, Rural Development, Water and Environmental Programs. He holds a BS in agricultural engineering from Penn State, a PhD in biological resources engineering from the University of Maryland, and PE licenses from Florida and New Jersey. Val has 25 years of environmental engineering experience in consulting, in academia, with a wastewater utility, and government. He has published
Mr. Campanella is Burgess & Niple's Planning and Asset Management (AM) Leader. He has 30 years of experience assisting utilities so they can reliably deliver more and spend less. He has led AM initiatives for utilities with customer counts ranging from 600 to 2 million. For 7 years, he was the AM Director at Columbus
Dave Hughes is a graduate of Carnegie Mellon University and a registered civil engineer. He has over 40 years of experience in water systems combining design, operational and managerial experience with the use of new technologies and effective decision-making techniques. He has served in various capacities including utility manager, consulting engineer and researcher. At American Water, he led efforts to identify and deliver

Jack is the National Water Security and Preparedness Lead for AECOM.

He joined URS / AECOM in 2005, upon his retirement from the City of Raleigh where he served as Assistant Public Utilities Director.

He holds a B. S. and Masters of Public Administration from Penn State.

He is a past chairperson of the AWWA Emergency Preparedness and Security Committee.

He has written or contributed to 13 water industry guidance manuals.

He was the North Carolina recipient of the AWWA Fuller Award in 2019.

Co-author, Eric Hatcher bio:

Eric recently joined AECOM as a Sustainability Consultant.

He served as Security and Emergency Manager for Cape Fear Public Utility Authority for 12 years.

He retired from the U.S. Coast Guard in 2008 after 27 years; his time spent in operations, training, planning and intelligence.

He holds a B.S. in Liberal Arts from Excelsior College.

He is a past Secretary of NCWaterWARN, and has served on several State and National Water Sector Committees.

The Cape Fear Public Utility Authority won the NC AWWA-WEA Large Utility Disaster Preparedness Award five Mike McGill is the founder of WaterPIO and LeadCopperRule.com, national public communications firms dedicated to affordably helping water and wastewater utilities improve their overall and sensitive customer, media, and crisis communications. The firms currently serve clients in more than a dozen states.

McGill joined the Water World in 2007 and directed water and wastewater utility public information and customer service operations for more than a decade. A graduate of Syracuse University, he began his career as a Jeannie Krueger has been in the program management and program controls field for over 25 years, with consulting experience primarily in oil & gas, utility, and municipal clients. She has developed and maintained many multibillion-dollar capital budgets on large scale projects and programs both domestically and internationally throughout her career. Jeannie is currently the Arcadis Program Manager and Joint Venture Deputy Program Manager on the Chicago Department of Water Management Capital Program. Jeannie has her Teresa Irby-Butler brings 22 years of engineering, construction, and owner experience to bear in her role as a senior capital project manager within the Municipal Services Division (MSD) at Government Services Group, Inc. (GSG). Teresa has served in technical and management roles from entry level engineer to construction manager and even a national director. She has also served various clients across the US from the NYDEP to clients in Hawaii. She is a licensed professional engineer, a licensed general contractor, a project management professional, and an Envision sustainability professional. She was a Paul Busch award nominee and a recipient of the 2016 Women in Construction award. Her article "The Kaleidoscope of Workforce Diversity and Inclusion"

Teresa Irby-Butler brings 22 years of engineering, construction, and owner experience to bear in her role as a senior capital project manager within the Municipal Services Division (MSD) at Government Services Group, Inc. (GSG). Teresa has served in technical and management roles from entry level engineer to construction manager and even a national director. She has also served various clients across the US from the NYDEP to clients in Hawaii. She is a licensed professional engineer, a licensed general contractor, a project management professional, and an Envision sustainability professional. She also serves on the Southwest Florida Springs committee. She was a Paul Busch award nominee and a recipient of the 2016 Women in Construction award. Her article "The Kaleidoscope of Workforce Diversity and Inclusion" was published in the August 2017 AWWA

Currently VP Innovation, Martin Bureau joined Sanexen, now ALTRA Solutions, in 2013. He began his career in Engineering in 1992, with a Bachelor of Engineering in Metallurgy, followed by a Master's degree in Physical Metallurgy, and a Doctorate in Materials Science. He worked in applied research at the National Research Council of Canada (NRC). He has authored more than 200 scientific journal articles and international conference

Mr. Chenevey has over 10 years of experience as an environmental engineer and serves as the Arcadis community of practice leader for water distribution system modeling and currently serves as vice-chair of the AWWA Engineering Modeling Applications Committee. His expertise includes extensive knowledge of water Geneva Caponi is an Engineer in Training in FNI's Water/Wastewater Master Planning Group. She specializes in water hydraulic modeling, GIS integration, data analysis for master planning, CIP development, and asset management. Geneva has worked on multiple water modeling and master planning projects across North Texas and is experienced in water hydraulic modeling software, including InfoWater and WaterGEMS. Geneva is also Steve Helm has been in the waterworks industry for 25+ years involved in safety, operations and sales. He has personally trained many people through associations and conferences, such as the American Water Works Association, Mechanical Contractors Assoc., the Rural Water Associations of Arizona, Utah, New Mexico, Idaho, Nevada, Colorado, and Navajo Nation Drinking Water Conference, etc...

He is the National Sales Manager for Tap Master Inc. covering Arizona, New Mexico, Texas, Colorado, Nebraska, Utah, Nevada, California, Washington, Oregon, Idaho, Montana, and Wyoming, concentrating on municipal infrastructure service, mechanical contractor service, and mining service. Steve can be reached at 602-702-4761

Jackie is a Condition Assessment Engineer at Black & Veatch. Jackie has 11 years of experience in the water and wastewater industry. She began her career with 3 years of water infrastructure construction and has been assessing the condition of aging water infrastructure for the past 8 years. She graduated from the University of For the past 20 years, I have worked with state and federal security and intelligence agencies responsible for the National Response Framework, PPD-21, Infrastructure Security Program and the Critical Infrastructure Protection Program. I have developed Threat Assessments at every level, local to national, and conducted Risk and Vulnerability Assessments on critical energy infrastructure facilities and projects.

I have over 17 years of active Military Intelligence experience and a total of 34 years of military service. My military intelligence background has provided me with experience as a tactical Military Intelligence Officer, Unit Commander, and Plans and Operations Officer culminating with training and practical application of Risk Assessment Methodologies for multiple entities in multiple locations. I served as a subject matter expert Rebecca Paustian, P.E. is a Project Engineer at Woodard & Curran based out of Andover, Massachusetts. She has a B.S. in Chemical Engineering from University of Wyoming and an M.S. in Environmental Engineering from Oregon State University. Rebecca's four years of experience is focused primarily in the planning, design, construction, and start up of drinking water infrastructure with a focus in surface water treatment plant projects. She is a licensed T4 operator-in-training in Massachusetts. Rebecca also serves as the chair of the Massachusetts

Mr. Hansen is the former Chairman of Hansen Information Technologies, a leading water & sewer asset management firm he founded in 1980 and sold in 2007 to Infor Global for US\$100 million. Founding Electro Scan Inc. in 2011, Hansen teamed with WRc plc as exclusive partner in the UK to offer non-acoustic leak detection technology replacing Acoustic sensors and CCTV camera to detect leaks. In 2019, Electro Scan Inc. was named a Top 50 World's Most Innovative Companies by Fast Company magazine, testing & certifying Cured-In-Place Pipe (CIPP) as watertight, in accordance with ASTM F2550. ISO 9001, 14001, and 18001 compliant, the company is a

Laura Sproule has been in the working water industry for over 6 years. With a background in engineering consulting for water systems across Canada, Laura brings a strong understanding of potable water networks. Now in her role as Product Manager at Echologics, Laura has focused on building and improving condition

Clinton has helped utilities navigate the dilemma of civil infrastructure degradation by implementing asset management strategies. Emphasizing the importance of resolution and coverage during data collection has enabled him to successfully execute prioritization efforts, rehabilitation design, CMMS implementation, and

Shannon Wedding, P.E., is the Director of Business Development for iHydrant™ and develops technology for resiliency and security for water systems. She was a Managing Engineer for the City of Houston Water Drinking Water Operations where she managed large diameter transmission projects, evaluated water quality events, and was involved in long-range water planning including facility regionalization and expansion. Prior to the City, Shannon spent 7 years as a design consultant and has a 17 years of experience in the industry. She has a B.S. in

Kevin is the National Distribution System Planning Practice Leader for Black & Veatch. He specializes in planning and modeling of water distribution systems and hydraulic transient analysis and has over 30 years of professional experience. He has served as a Project Advisory Committee member for an AWWARF-sponsored research project (Verification and Control of Pressure Transients and Intrusion in Distribution Systems) and

As the Principal of Launch! Consulting, Linda has been at the forefront of securing water and wastewater utilities since 9/11. Her experience developing over 150 emergency plans and related documents, combined with chairing the AWWA Emergency Preparedness and Security Committee, provides her with insights to share with clients. Linda develops resilience projects for multiple participants through interactive workshops that foster coordination. In addition to facilitating resilience plan workshops and emergency exercises, she was an Adjunct

Allison is passionate about helping entities effectively develop, manage and engage their employees to best meet organization-wide goals and objectives. As a manager with Baker Tilly's public sector advisory team, she provides guidance and practical solutions for organizations in context of changing workforce demographics, geographic constraints and budget limitations. Allison chairs the ALGA DEI Tools Committee and is an IPMA-HR

Curran. He serves as a process specialist for drinking water facilities and has previously served as the engineer-of-record (EOR) for water/wastewater and solid waste facilities, and linear utilities. Raj specializes in water

Darrel Field has over 45 years of experience in project management, advising clients regarding delivery of large capital programs, managing projects and providing forensic support for construction dispute resolution. As a Managing Director at PMA Consultants, his involvement on numerous water and wastewater projects has spanned all phases from initial studies, through procurement, design, and construction. Mr. Field has a

Mike Britch has over 31 years of experience in the engineering industry and currently serves as the Engineering and Construction Manager for the \$1.6 billion Willamette Water Supply Program. Prior work includes serving as Chief Engineer and Senior Engineer for Tualatin Valley Water District as well as working for two design consulting firms. He has BS and MS degrees in civil engineering from Oregon State University and a MPA degree from

Joel Weakland is a principal engineer at Brown and Caldwell with 12 years of experience in civil engineering and construction management – most of it on large diameter water pipelines. He has been working on the Willamette Water Supply Program since 2015 and is excited to share some lessons learned on this project in collaboration with <insert co-presenter name that is still TBD> today.

A Portland native, Joel holds a bachelor's degree in civil engineering from Portland State University and is licensed PE in the State of Oregon. When not working, Joel enjoys living in the Pacific Northwest with his wife and they spend their free time in search of good coffee, food, beer, and sometimes wine.

A subject-matter expert in pipeline condition assessment and linear asset management. Rabia specialize in planning, implementing, leading field staff, and managing pipeline condition assessment projects and/or programs in addition to different studies for water linear infrastructure including technology evaluation studies, structural pipe assessment studies, pipe risk assessment studies, remaining useful life analysis, probability of failure analysis, pipe reliability analysis, condition grading system, deterioration curves studies, applied load and numerical analysis and developing time-depending renewal recommendations matrixes including replacement, rehabilitation, and repair recommendations that aid clients to rationalize investments in capital works projects in addition to designing relining rehabilitation concept for pipelines assets. Mr. Mady has several papers and I have completed my fundamental education in chemical engineering, and have dedicated my graduate studies and professional career to addressing environmental issues, including sanitary sewer overflows, retrofitting stormwater control measures for volume and nutrient loading removal, and have been working within Baltimore City Department of Public Works within the Office of Asset Management where my involvement is focused on Dr. Lindell Ormsbee is a Raymond-Blythe Professor of Civil Engineering at the University of Kentucky. Dr. Ormsbee's past research efforts have focused on the application of systems analysis methods to complex problems in water resources and environmental systems with a particular focus on water treatment and distribution. From 1983 to 2000, Dr. Ormsbee partnered with Dr. Don Wood at the University of Kentucky in translating water distribution system research into commercial software (KYPIPE). Over the last 40 years he has taught over 150 workshops and short courses dealing with water infrastructure issues, ultimately training thousands of students, engineers, and operators. These efforts have led to the application of water distribution system research to hundreds of water distribution systems both in the US and around the world, including the Andrew is a Director for Black & Veatch's Specialized Solutions Group. He has 30 years experience in the fields of resource conservation, asset management and software solutions. private clients including large DOD facilities, public utility companies, and commercial properties. Previous experience included groundwater treatment/protection, stormwater mitigation and drinking water. Current focus is the development of the Hydro Tank Rehabilitation Program with Tucson Water.

Rachael Barlock is a water resources engineer with the Southeast Michigan Council of Governments. Rachael received her B.S. and M.S. from Michigan Technological University in Environmental and Civil Engineering, respectively. At SEMCOG, Rachael works on water infrastructure and climate resiliency projects to improve

Over 40 years' experience spanning both Public Sector and Technology Sales. Educated and certified as a civil engineer, 35+ years in leadership roles for both local government and the private sector within software technology firms, all through a passion for asset management.

Public Sector experience includes 14 years in a city public works environment, responsible for operational systems including CMMS reporting and budgeting, deployments, productivity improvements, and managing a team of over 40 people. While at the city, Rob wrote his engineering thesis on Computerized Maintenance Management Systems which was graded with Honours.

Private sector experience has been primarily focused on asset management software sales for companies like Hansen (Infor), SAP, Microsoft, Riva Modeling (PowerPlan) and currently at Arcadis Gen, serving as a Global Sales Director. This experience has included global exposure (and clients) to asset management practices across several sectors in Australia, New Zealand, UK/EU and North America.

Richard Dietz is the Project Manager of the District of Columbia's Capital Asset Replacement Scheduling System (CARSS). Mr. Dietz led the development efforts on building CARSS which is an information technology enterprise solution for assessing assets to appropriately plan and budget capital improvement replacement needs. Mr. Dietz is involved in the prioritization and scoring of capital projects, calculating the financial impact of deferred Andrew is a registered PE and Cathodic Protection Specialist with Black & Veatch. As the corrosion engineering services lead he focuses on how asset deterioration can inform investment decisions.

Adam and has worked for 20 years in construction, maintenance, repair, operation and management of water and wastewater systems and has a class A Water and Wastewater Operator license with the Texas Commission on Environmental Quality. Currently as an Assistant Water Systems Superintendent with Fort Worth Water Field Operations Division, he assists in the operation and maintenance of 3,800 miles of distribution system, managing the Valves and Hydrants and Water Taps and Services sections within the division.

Cynthia Baughman is a strategic technology leader with over 34 years' experience working in all aspects of IT. She has worked for the City of Garland, TX, for 25 years. She currently serves as the Water Utilities Technology Director, overseeing Operations and Technology, from GIS and asset management, to SCADA and Cybersecurity. She also serves as the Logistics Section Chief in the City's Emergency Operations Center during disaster activations. Cynthia earned her Bachelor of Science from San Jose State University in Business – Information

Daniel is the Engineering Manager for Pennsylvania American Water Company's northeast Pennsylvania region in which he directs and oversees the engineering, construction, and capital program management of various water and wastewater projects, including all types of water treatment, storage, and distribution systems along with wastewater treatment, collection and conveyance systems. Other aspects of Daniel's responsibilities include capital planning, developer services, hydraulic modeling, and compliance with all types of local, state, and federal regulatory requirements. Daniel has over 23 years experience in the water and wastewater engineering field and began his career with PA American Water in 2006 as an Engineering Project Manager. Prior to joining

Billy has over 27 years' experience in construction, maintenance, repair, operation and management of water and wastewater systems. is an Assistant Water Systems Superintendent with the City of Fort Worth he oversees the Water Main repair and Asset Management sections. Starting in the industry as a maintenance worker and working his way up has allowed him to opportunity to gain insight on many levels and helps to understand the

Martin Møller Værum is a Commercial Product Manager whose focus is to evolve and develop the brand strategy for Kamstrup A/S software solutions. His expertise areas include data analytics and data communication in general, as well as pressure management and smart water solutions. With a BEng. in ICT, and with previous experience as a software developer, Martin is well-versed in demonstrating how software solutions can fit into

David Peters is an Engineering Manager with the City of Portland Water Bureau. He oversees the Special Projects group which is currently responsible for the development of the Bull Run Treatment program, adding a 135 mgd conventional filtration facility to the currently unfiltered surface water supply. David has a Bachelor of Science in Civil Engineering from the University of Oregon and has over 20 years of experience in the water industry, and currently manages Carollo's operations in Oregon. He is currently serving as the Design Manager for the Portland Water Bureau's Filtration Facility.

Leslie Moening serves as the Lead Program Manager for Greater Cincinnati Water Works. She is responsible for overseeing the Enhanced Lead Service Line Replacement Program which proactively removes the lead in water hazard in Cincinnati. She manages a team of professionals and communication specialists who coordinate the replacements between the customers and contractors, do community outreach, oversee annual budgets and capital planning all to ensure future regulatory compliance. Previously she has held engineering positions at local utilities in Ohio and Colorado managing water infrastructure projects. She has over 20 years experience as a

Brian Kearney is an associate and project manager in the Program and Construction Management Group of CDM Smith in Edison New Jersey. Mr. Kearney has over 25-years experience as a design engineer and project manager on a wide range of water and wastewater infrastructure programs. Mr. Kearney holds a bachelor's of