Management Track Bios

Preston Luitweiler – Mr. Luitweiler is registered Professional Engineer in Pennsylvania with a B.S. in Civil Engineering and an M.S. in Environmental Engineering, both from Drexel University. He retired from Aqua American in 2013 as Vice President, Chief Environmental Officer after 29 years with the company. At Aqua, he was responsible for water quality and environmental compliance for operations in ten states. He is a lifetime member of the American Water Works Association and a member of the American Society of Civil Engineers. He was chair of the AWWA Technical Advisory Workgroup on source water protection from 1999 to 2003. He currently serves on the Drexel University Council for Energy and the Environment.

Adam T. Carpenter – Mr. Carpenter works in AWWA's DC Government Affairs Office, and serves as an expert and advocate on a diverse set of drinking water issues including climate change, hydraulic fracturing, the energy-water nexus, carbon capture and storage, consumer confidence reports, and other environmental policy issues. Along with his colleagues, he works to further AWWA's mission of supporting clean, affordable drinking water through sound application of science into policy, sensible regulation, public awareness, and building stakeholder consensus. He holds a bachelor's degree from George Washington University in biology, a master's degree from Johns Hopkins in environmental sciences and policy, and is pursuing a Ph.D. in environmental policy from George Mason University. In his studies, he is researching the development of community based sea level rise policies for vital sectors, such as water supply.

Mark D. Harman – Mr. Harman senior project manager at ARRO, is a licensed professional geologist in the Commonwealth of PA. He has 13 years of experience in hydrogeologic and groundwater appropriation studies, groundwater nitrate impact assessment and remediation, and carbonate geology identification and reporting (including oversight on projects in areas where carbonate geology poses site-specific hazards), fracture trace analysis and wellhead protection planning, erosion and sedimentation control planning, NPDES permitting, stormwater management system design, wetlands delineation, and PA Natural Diversity Inventory studies as well as zoning administration and enforcement.
He has been actively involved with sinkhole remediation projects in central and eastern Pennsylvania for both public and private sector clients, responsible for review of topography and drainage patterns in an effort to determine patterns of repeated sinkhole openings as well as subsequent subsidence identification and repair directives. His field experience includes water sampling, soils identification and classification, karst assessment, outcrop identification, ground penetrating radar, resistivity depth profiling, conductivity depth profiling, and magnometer, while his laboratory experience includes testing, storage, and monitoring of corrosive and non-corrosive chemicals as well as basic electrical circuit assembly, set-ups, and troubleshooting. Mark serves on the Manor Township Planning Commission and the Source Water Protection Steering Committee for the East Hempfield Municipal Authority. He is a Leadership Lancaster alumnus, graduating with the core class of 2013. ARRO is a leading engineering consulting firm headquartered in Lancaster County with seven other strategically located offices in PA, MD, and DE.

Lori A. Burkert, P.G. – Ms. Burkert serves as a project manager for Entech Engineering, Inc., focusing on water planning and management. Her areas of expertise include Geographic Information Systems (GIS) planning and analysis using an integrated systems approach to managing water from the source, through the water supply and wastewater systems, to discharging back into the environment. She is a member of the Board of Directors for the Pennsylvania Section of the American Water Resources Association (PA-AWRA).She holds a Bachelor of Science degree in Environmental Science from Elizabethtown College and a Master of Science degree in Earth and Environmental Sciences from Lehigh University.

Dick McDonnell – No Bio.

Roy Mundy – Mr. Mundy is the Eastern US Specifications Engineer for McWane Ductile Iron. He holds a Bachelor of Science in Civil Engineering; and a Master of Science in Engineering Management. He is a

Registered Professional Engineer in (5) States and is the Lead Executive with the American Water system, retiring as President/CEO of KY-American Water Co. He served as Section Chair and on several national committees of AWWA, on the Board of Directors and national committees of NAWC, Chair of ORSANCO, and as a member of the Kentucky Infrastructure Authority

Robert Kortmann – National Safety Manager, for Aqua America, is responsible for environmental, health and safety compliance at all of our projects, interfacing with multiple levels of managers and employees to promote the company's programs and improve overall EHS compliance. He has more than 17 years of health, safety and environmental program experience with a background that includes regulatory compliance management and auditing, development and implementation of programs for service and manufacturing industries, development of computerized systems for compliance programs and engineering technologies to minimize environmental, health and safety issues. He holds a Certified Safety Professional certification from the Board of Certified Safety Professionals and a B.A. in business management from DeSales University.

Tom Williams – Mr. Williams has been working to introduce innovative technologies to water utilities for more than 10 years. Most recently, Williams has helped utilities across the United States achieve Stage 2 DBPR compliance through DBP reduction strategies involving precursor removal, system management and online analytics. Williams is part of the British Water Network and has sat on a number of Parliamentary Water Groups. Williams graduated in Chemical Process Engineering and Biotechnology from Sheffield University, United Kingdom.

Christopher Walker– Mr. Walker has over twelve years of work experience specializing in the water industry. His expertise includes the design of surface water and groundwater treatment facilities, water distribution systems, water storage facilities, and investigation/exploration of geologic substrata and interpretation of hydrogeological data for groundwater well yields. Mr. Walker has been involved in the design of water treatment facilities utilizing such processes as manganese greensand pressure filters, granular activated carbon units, membrane filtration, arsenic removal systems, diffused aeration, as well as conventional coagulation / flocculation / settling / filtration systems. While in graduate school Mr. Walker's research evaluated, developed, and modeled control technologies capable of optimizing chemical dosing in coagulation/ flocculation processes as well as dewatering applications. Mr. Walker helped United Water of Delaware optimize their dosing of ferric chloride during seasonal fluctuations of NOM in the water at their 3 MGD Christiana Water Treatment Facility. Mr. Walker's research with the streaming current detector (SCD) quantified a near exact theoretical model for this device, allowing its simulation under a more general range of conditions. The manufacturer of the SCD utilized Mr. Walker as a consultant to troubleshoot SCD applications in Buenos Aires, Washington D.C., and Boston. Mr. Walker's research group at the University of Delaware under the guidance of Dr. Steven Dentel is renowned for their work in coagulation/ flocculation control technologies.

Yuefeng Xie– Dr. Xie is a Professor of Environmental Engineering at the Penn State University, Harrisburg campus. He received his BS, MS and PhD degrees from Tsinghua University, Beijing, China. A registered Professional Engineer and Board Certified Environmental Engineer, he co-founded and directed the Small Public Water Systems Technology Assistance Center and Environmental Training Center at Penn State. Dr. Xie was the Chair of the AWWA Organic Contaminant Control Committee, Chair of the Southeastern Pennsylvania Section of the American Chemical Society, and the founding President of the Chinese-American Professors in Environmental Engineering and Sciences Society. He received the 2002 Penn State Harrisburg Research Award, the 2014 Penn State Faculty Outreach Award, the 2005 Pennsylvania Water Environmental Association Professional Research Award, and the 2009 Pennsylvania Section American Water Works Association Special Recognition Award. Dr. Xie was a Fulbright Scholar and was elected to be an IWA Fellow in 2013. He published a book, "Disinfection Byproducts in Drinking Water: Formation, Analysis, and Control," and co-edited a book, "Disinfection By-Products in Drinking Water: Occurrence, Formation, Health Effects and Control." His research interests include water disinfection and disinfection byproducts, filtration, membrane, and other physical chemical biological water treatment processe.

Christopher Walker– Mr. Walker is a Professional Engineer who has over twelve years of work experience specializing in the water industry. His expertise includes the design of surface water and groundwater treatment facilities, water distribution systems, water storage facilities, and investigation/exploration of geologic substrata and interpretation of hydrogeological data for groundwater well yields. Mr. Walker has been involved in the design of water treatment facilities utilizing such processes as manganese greensand pressure filters, granular activated carbon units, membrane filtration, arsenic removal systems, diffused aeration, as well as conventional coagulation/flocculation/settling/filtration systems.

Earl Schneider – Mr. Schneider is a graduate of Lehigh University (BSCE) and Rutgers University (MSCE) with 25 years of experience in all aspects of potable water supply design and construction. He has focused his career on hydraulic modeling, GIS, master planning and asset management solutions for water and wastewater utility clients throughout North America.
Surface Technologies Inc. and works as a well rehabilitation specialist.