

## Water Quality Advisory Committee Members

### **John F. Norbut, Jr. – Highmark, Director of Facilities, for all of Pennsylvania, Delaware, and West Virginia**

Mr. Norbut is a Master Plumber with over 40 years of experience. He worked in various positions in the private sector, including managing plumbing entities and implementing and building plumbing and HVAC systems with engineers and customers. He has also overseen specific trade-related training programs and selected, supervised, and evaluated foremen during his career. He is an acting member of the American Society of Plumbing Engineers, the Mechanical Contractors Association, and the Plumbers Local 27.

### **Thomas G. Bigley – Director of Plumbing Services, United Association of Plumbers and Pipe Fitters**

Mr. Bigley has worked with Plumbers Local 27 since 1998 and has been part of many professional plumbing and building organizations throughout his career, including the World Plumbing Council and the International Association of Plumbing & Mechanical Officials where he is an executive board member. He acted as Local Plumbers 27's business manager before taking his current position as director of plumbing services in 2012.

### **Jeanne VanBriesen, P.E. – Duquesne Light Company Professor of Civil Engineering and the Director of the Center for Water Quality in Urban Environmental Systems (Water QUEST), Carnegie Mellon University**

Dr. VanBriesen's studies water system operations and security, and its influence on the biology of watersheds. She has presented her work professionally over 100 times and published over 40 articles, which have been included in the *Journal of Environmental Engineering* and *Environmental Science and Technology*. Among many other accolades, Dr. VanBriesen has been awarded the Carnegie Science Center Environmental Award and the Margaret S. Peterson Award from the American Society of Civil Engineers, Environmental Research Institute.

### **John P. Sullivan, Jr., P.E. – Chief Engineer, Boston Water and Sewer Commission**

Mr. Sullivan studied Civil Engineering Emergency Management and has held his current position since 1989. He has acted as the director of engineering and the principal design engineer. He evaluated and implemented the Federal Safe Drinking Water Act requirements related to the lead in drinking water and is a member of the American Academy of Environmental Engineers.

### **Partha Basu, Ph.D, FRSC – Professor of Chemistry and Biochemistry, Duquesne University**

Dr. Basu is the Chair in Scholarly Excellence of the Department of Chemistry and Biochemistry at Duquesne University. He is the founder and director of the Center for Metals in Biological Systems at Duquesne, which focuses on metals in natural and synthetic materials. His work has been funded through grants from the National Institute of Health, the Department of Energy, and the National Science Foundation. He has written more than 100 publications and holds several patents.



**Michael William Scheer – Compliance Officer and Manager, Allegheny County Health Department (ACHD)**

As the Compliance Officer and Manager of the ACHD, Mr. Scheer oversees internal activity and enforces standards within the Department. He built and implemented activity databases to assign and track staff activity and works with various municipal authorities throughout the city regarding consent orders and violations of waste water regulations. He has studied microbiology, business administration, and computer and life sciences throughout his academic career.

**Leonard W. Casson, Ph.D, P.E., BCEE – Associate Professor and Environmental Engineer, University of Pittsburgh**

Dr. Casson's area of expertise is in the absorption, transport, and transformation of chemicals, particles, and pathogens in the environment. This is applied to the design of safe and sustainable water infrastructure systems. He is registered as a Professional Engineer in the states of Pennsylvania and Florida and is a Board Certified Environmental Engineer with the American Academy of Environmental Engineers and Scientists. He was named the 2010 Water Environment Federations Water Hero, which recognizes individuals that give exemplary performances in emergency situations of public health and environmental safety.