

Riverbank Filtration Systems Conference

PRESENTER PROFESSIONAL BACKGROUND (in presentation order)

Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH



Andrew Stone completed post-graduate studies in hydrogeology at University College, London. For 13 years he was involved in groundwater research and lecturing at Rhodes University, South Africa. Since 1989 he has worked in the United States as a private-sector groundwater consultant, as adjunct professor (teaching groundwater protection policy at Antioch New England University), and as groundwater educator, advocate, and outreach specialist. His work with the AGWT has involved convening over 250 “information-exchange” conferences and workshops focused on groundwater issues. He has organized over 70 “Groundwater Institutes” that have trained 2,000 science teachers and educators on water resources issues. He is a recipient of the National Ground Water Association “Oliver Award” for his work in promoting groundwater education.

D. Douglas Haney, PE, PG, Consulting Hydrogeologist, Olathe, KS



Doug is a geological / petroleum engineer who practices as a water supply hydrogeologist. He has over 25 years of experience as a hydrogeologist / engineer focused on development, protection and evaluation of groundwater and surface water supply resources for the industrial, energy and municipal sectors. His experience covers all aspect of investigation and design from aquifer to wellhead, as well as water treatment, permitting, metering, and pipeline considerations. His specialties include river-aquifer interaction studies and riverbank filtration well field and radial collector well exploration and design.

Jeff Henson, PE, Associate Vice President and Director of Water Resources, Black & Veatch, Kansas City



Jeff Henson specializes in all aspects of groundwater investigations and design. With over 35 years of experience, he has completed several water supply evaluations including the siting, sizing and design of water supply wells. His riverbank filtration experience includes evaluation and planning of over 750 MGD of capacity and the design of over 250 MGD of installed alluvial wellfield capacity for clients across the Midwest. Henson holds an M.S. in Water Resources Engineering from the University of Kansas and a B.S. in Civil Engineering from Kansas State University.

Henry C Hunt, PG, Regional Director, Roscoe Moss Company, Charleston, SC



Henry specializes in finding creative water supply solutions for a variety of uses: municipal drinking water, desalination, industrial process and cooling water and cooling water for power generation. He has been developing water supplies across the country for over 43 years including groundwater, surface water, filtered seawater and through induced (e.g., riverbank) filtration. He specializes in evaluating feasibility, hydrogeological investigations, design, construction, operation and maintenance of moderate to very high-capacity water supply intakes and wells, with special expertise in horizontal radial (Ranney) collector well technology and fixed-screen surface water intakes.

Luca DeAngelis, PE, PG, Senior Hydrogeologist, Ranney Collector Wells/Layne, Kansas City, KS



Luca has over 25 years of experience in the water supply industries, focusing on development of groundwater resources, aquifer evaluations, and water resource planning. He has helped communities throughout the Midwest develop their alluvial groundwater supplies. Example projects include conventional wellfields with capacities of over 100 million gallons per day (mgd) and horizontal collector wells with capacities of over 20 mgd. Luca holds a B.S. in Geological Engineering from the Missouri University of Science and Technology and an M.S. in Civil Engineering from the University of Kansas and is both a registered professional engineer and a professional geologist. Luca has extensive experience in all phases of groundwater supply development projects; from serving as the lead hydrogeologist during the subsurface investigation to acting as the design and construction phase manager of multi-disciplinary engineering teams. In addition to water supply development projects, Luca has helped develop tools and strategies to manage water resources, including regional scale groundwater flow models for the Nebraska Department of Natural Resources and local scale groundwater models for municipal water providers.

Mark Griffin, PE, Senior Engineering Project Manager, McClure Engineering Company, Kansas City, MO



Mark is a Senior Engineering Project Manager role delivering primarily water and wastewater projects in the KC Metro, Kansas, Missouri, Iowa, and upper Midwest. He provides professional engineering expertise for water main design, wastewater collection system rehabilitation, pumps and pump station design, utility corridor management, infrastructure replacement, water treatment plant design and rehabilitation, environmental compliance projects, water storage tank design and operation, hydraulic analysis, community relations, and project management. His responsibilities include marketing and business development with existing and future clients.

Sarah Tuite, PE, Process Engineering Manager, WaterOne, Kansas City, MO



Sarah is the Manager of Process Engineering at Water District No. 1 of Johnson County, Kansas. In this role, Sarah and her team are responsible for facilitating strategy development and using advanced analytics to provide technical assistance to staff regarding water treatment, water quality, monitoring, controls, and regulatory compliance matters. Prior to joining WaterOne, Sarah served as an environmental engineer and project manager performing studies, detailed design, and construction oversight of water supply, treatment, and storage facilities and environmental and stormwater permitting and compliance projects across the southwest and Midwest.

Matthew Reed, PG, Area Manager & Hydrogeologist, Ranney Collector Wells/Layne, Columbus, OH



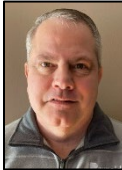
Matt joined Layne's Ranney Collector Wells in 1998 after serving as a consulting hydrogeologist for 12 years in the Midwest and the Pacific Northwest. Mr. Reed expertise in planning and executing investigations to evaluate induced infiltration potential (riverbank filtration (RBF)) from streams, a number of which have culminated in the siting and design of a number of vertical well fields and collector wells. Additionally, he has served as project manager and project hydrogeologist on multiple collector well construction and rehabilitation projects. He has also used numerical modeling to assess contaminant transport and to develop groundwater capture zones for use in delineating wellhead protection areas and has conducted shallow geophysics investigations in support of groundwater exploration efforts. Matt is a registered professional geologist and holds a M.S. in Hydrogeology from Wright State University and a B.S. in Geology from Beloit College.

Jim Auen, Operations Manager, Lewis & Clark Rural Water, Tea, SD



Jim has over 25 years of experience in the design, construction, operations and maintenance of potable water supply, treatment and distribution systems. He has been the Operations Manager of the Lewis & Clark Regional Water System (L&C) for 14 years. L&C is unique in that they provide potable water to parts of 3 states, South Dakota, Iowa and Minnesota. Construction of the system has been ongoing for nearly 20 years and it is 80% complete. Initial operations commenced in 2012. Jim is a certified operator in the 3 states and has a BS degree in Biological Sciences from South Dakota State University.

Greg Slone, Vice President, Collector Well Group, Reynolds Construction, LLC, Orleans, IN



Mr. Slone has provided over 30 years of water-related service to a wide range of clients throughout the country, including municipalities, industry, power generation companies, engineers, and governmental agencies such as the USACE. His areas of expertise include water supply development, project management, well design, and construction oversight. Mr. Slone is uniquely experienced in the design, construction, and maintenance of large-scale water supply systems including radial collector wells, vertical wells, infiltration galleries, and surface water intakes. Greg obtained a Master of Science degree in geology from Miami University in Oxford, Ohio and is a licensed water well contractor in the state of Kansas and South Dakota.

Lorrie Hill, Water Production Operations Manager, City of Olathe, KS



Lorrie is the Water Production Operations Manager for the City of Olathe. In this role, she oversees the operation of the City's horizontal collector wells and vertical wells, water treatment plant, and distribution storage and pumping facilities. Lorrie earned a Bachelor's degree and a Master's degree, both in Civil Engineering, from the University of Kansas and is a registered Professional Engineer. Prior to the City of Olathe, Lorrie spent 12 years as an engineering consultant where she planned, designed, and constructed water and wastewater systems in Kansas and Missouri.

Daniel Clement, PG, Senior Hydrogeologist, Burns & McDonnell, Wichita, KS



For over 12 years Daniel has provided water supply solutions to a variety of municipal and industrial clients across the United States. His services have included hydrogeologic field investigations, groundwater modeling, well condition assessments, and design of water supply wells. As a former regulator Daniel brings unique a knowledge and perspective that has helped clients successfully navigate the permitting and water rights phase of numerous water supply projects. His consulting services have been utilized on some of the most complex water issues in the State of Kansas such as groundwater surface water interaction studies, water transfers, regional aquifer sustainability modeling, and Aquifer Storage and Recovery programs (ASR). He is a Professional Geologist in KS and has a BS degree in geology and hydrogeology from Kansas State University.