

# Phoenix, AZ Water Well Workshop – January 16, 2024

## Presenter Bios (alphabetical order)

### **Axel Buchwalter, Senior Attorney, Environmental, Energy and Natural Resources Practice, Clark Hill, Phoenix, AZ**

Axel represents agriculture, industry, municipalities, developers, special districts, and utilities to develop practical solutions for water resource challenges. He has extensive experience in all areas of water law, including Arizona's assured and adequate water supply programs, due diligence investigations, and acquisition of surface water and groundwater rights, well-sharing agreements, negotiation of development agreements with municipalities and special districts, water conservation and drought planning, underground water storage and recovery permitting, federal and Indian reserved water rights, subflow issues, representing clients in the Little Colorado and Gila River General Stream Adjudication, and other complex water litigation, as well as drafting and lobbying for water resources legislation. Axel earned his J.D. from the University of Alabama School of Law, M.B.A. from Arizona State University, and B.A. from the University of Washington. He has State Bar Licenses in Arizona and Washington and Court Admissions in the U.S. District Court, District of Arizona.

### **Chris Catalano, R.G. Geolog, LLC, Cottonwood, AZ**

Chris Catalano graduated in 1997 from the University of Toledo with a MS in Geology, specializing in groundwater geology. In 1997, he moved to Cottonwood, Arizona accepting a position with Yavapai County. In 1999, Chris accepted a consulting position at Southwest Groundwater Consultants, in Prescott. Chris continued to work as a groundwater consultant for this company for nearly 20 years. His extensive fieldwork in groundwater geology and well development led him to his interest in geophysics. Chris started GeoLog, LLC in 2015 while working at Southwest Groundwater. He left Southwest Groundwater in 2018 to focus full-time on his growing company. Chris became a registered geologist in Arizona in 2004. He is a member of AIPG, NGWA, AHS, and AzWWA, which he is one of the technical advisors of the board. He is also MSHA Certified.

### **Marvin Glotfelty, PG, Principal Hydrogeologist, Clear Creek Associates (a Geo-Logic Company), Scottsdale, AZ**

Marvin Glotfelty, R.G. is a Principal Hydrogeologist with Clear Creek Associates (a Geo-Logic Company). He is a Professional Geologist in CA & AZ and also a Licensed Well Driller in AZ, with over 40 years of experience in the design, installation, rehabilitation, or decommissioning of about 1,000 water wells in the southwestern United States. He has presented over 100 lectures or workshops on groundwater and water well topics in 17 U.S. states and five international countries (Australia, Canada, Mexico, Bolivia, and Columbia). In 1995, he received the City of Phoenix Mayor's Environmental Award for his work with rehabilitation of municipal wells, he was the NGWA's Distinguished McElhiney Lecturer in 2012. He was the 2021 recipient of the Arizona Hydrological Society's Lifetime Achievement Award and in 2023 he was the recipient of NGWA's most prestigious award, the Ross L. Oliver Award for outstanding contributions to the groundwater industry. He has also authored over 30 publications, including The Art of Water Wells (NGWA Press, 2019) and Glossary of Driller's Terms (NGWA Press, 2004). Marvin also contributes quarterly articles to NGWA's Water Well Journal in his The Art of Water Wells column, and he has done more than 50 videos on water well topics for NGWA's Industry Connected video series.

### **Lauren Handley, RG, Sr. Hydrogeologist/VP of Arizona Operations, LRE Water, Phoenix, AZ**

Lauren Handley is a Senior Hydrogeologist with more than 16 years of consulting experience with managing and providing oversight for water-related projects for private companies, public utilities, and municipal water providers. She is an experienced project manager, who performs technical and regulatory reporting, and is proficient with methods used for collecting and analyzing hydrogeologic data. Her expertise and passion are in groundwater supply and recharge projects. She works with clients to locate, design, permit, and optimize groundwater supply/recharge wells to increase drought resiliency and ensure water providers can sustainably pump groundwater when needed. Lauren earned her MBA in Business Administration, Management and Operations from Washington State University Graduate School and B.S. in Geological Sciences from Arizona State University.

### **Lindsey Jones, Assistant Director - Water Programs, Water Infrastructure Finance Authority of Arizona (WIFA), Phoenix, AZ**

Lindsey Jones is the Assistant Director of Water Programs for the Water Infrastructure Finance Authority of Arizona (WIFA). She has a bachelor's degree in Conservation Biology and Ecology from Arizona State University and a master's degree in Environmental Science and Policy from Northern Arizona University. Her thesis work focused on water contamination issues in unregulated wells on the Navajo Nation. She has been working at WIFA since 2019.

### **Jeremy Kuhn, Director of North America, Roscoe Moss Company, Phoenix, AZ**

Jeremy Kuhn has been involved in the Groundwater Industry for over 20 years. Jeremy started his career as a Drillers Helper and has since held positions as a Driller, Operations Manager, Contracts Manager, and Business Development. He is currently the Director of North America at Roscoe Moss Company. In addition to serving on the Board of Directors for the American Groundwater Trust, he also serves on the boards of the National Groundwater Association, Arizona Water Well Association, and the Mountain States Groundwater Association.

### **Scott McDonnell, Technical Sales Manager, Xylem-Goulds, West Coast Region, Yorba Linda, CA**

Scott McDonnell has served as Manager, Technical Sales for Drives/Controls and pump systems for Goulds Water Technology since 2017. His sales territory covers the thirteen Western States. He has over 30 years of experience in the pump business. His career in this industry began when he worked for a large pump distribution company based in Anaheim, CA. For most of his career, he has sized, selected and troubleshooped commercial and residential pump systems plus VFD's. He is very knowledgeable in the VFD controls of the pump system and strives to make systems perform the best way possible. Scott attended Fullerton and Cypress College in California.

### **Kevin McGinnis, President, Cotey Chemical Corporation, Lubbock, TX**

Kevin McGinnis is President of Cotey Chemical Corporation. This company (founded in 1949) develops products to rehabilitate and develop all types of water wells. Kevin graduated from Texas Tech University in 1984 and has worked in the water well remediation industry for more than 20 years. During this time, he has delivered technical papers to Saudi Arabia's Ministry of Agriculture and Water in Riyadh and to the Philippine Water Works Association's International Conference in Pampanga, Philippines. Additionally, Kevin has supervised water well rehabilitation projects in several countries in the Middle East, Far East and Latin America. Closer to home, Kevin works with the American Ground Water Trust to provide educational workshops throughout the U.S. and is approved in many states to provide Continuing Education to the water well industry. He was selected as the 2021 McElhiney Distinguished Lecturer by NGWA and GF.

### **Sergio Mejia, Environmental Engineer Specialist II, Drinking Water Section, AZDEQ, Phoenix, AZ**

Sergio Mejia graduated with a B.S.E. in Environmental Engineering and received a minor in Sustainability from Arizona State University in 2020. Since then, Sergio has developed experience working with the Arizona Department of Environmental Quality (ADEQ) Drinking Water Section in the Engineering Review Unit. Sergio's work includes technical reviews of Public Water Systems throughout Arizona and he is actively engaged with Predictive Analytics for prevention of Arsenic in water systems.

**Nathan Miller, Vice President – Groundwater Modeling Services, Matrix New World Engineering, Phoenix, AZ**

Nathan Miller is a graduate of the University of Arizona and serves as Vice President – Groundwater Modeling Services for Matrix New World Engineering. He is also a hydrologist with recognized expertise in numerical groundwater flow modeling who leads Matrix's Arizona team. Mr. Miller combines his technical proficiency with an understanding of the State's key regulatory policies affecting the use of groundwater to serve municipalities, water utilities, developers, and regulatory agencies. Mr. Miller serves as technical lead and primary interface for several high-profile groundwater resources investigations throughout Arizona.

**Riley Trickey, Senior Hydrologist, Clear Creek Associates (a Geo-Logic Company), Scottsdale, AZ**

Riley Trickey is a Senior Hydrologist who began his professional consulting career with Clear Creek Associates (a Geo-Logic Company) in 2010. During his 13-year career, he has developed a high level of expertise in all facets of large capacity water well work, including well siting, impact modeling, pilot hole characterization through downhole geophysical logging and zonal analyses, well design, and well installation. Mr. Trickey has successfully designed and managed the installation of dozens of high-capacity production wells and aquifer storage and recovery ("ASR") wells for numerous municipal and private sector clients. He co-authored a 2018-era white paper on conducting falling head ("slug") tests in production well pilot boreholes, which was incorporated into the book *The Art of Water Wells* (NGWA Press, 2019) as Appendix E.