

# New Mexico Water Well Workshop – July 14, 2023

## Presenter Bios (in alphabetical order)

### **Sara Chudnoff, PG, Hydrogeologist, American Ground Water Trust, Pinetop, AZ (moderator)**



Sara recently joined the American Ground Water Trust. She has been working in the water resources and environmental field in New Mexico since the early 2000s. As a consulting scientist, she worked on projects from methane monitoring and reporting to hydrogeologic investigations and well design. In 2009, Sara left her regulatory role with the State and started working with Bernalillo County. In this position, she worked with hundreds of residents monitoring water levels and promoting outreach and education. At the New Mexico Bureau of Geology, she took this model to work on a State-Wide Groundwater Level Monitoring Network. Sara facilitates educational outreach for watershed health with the local school district and provides water resource consulting in New Mexico. She has a B.S. in Geology from New Mexico Tech and a M.S. in Water Resources from the University of New Mexico.

### **Chance Coats, President/Owner, Coats Pump and Supply, Inc., Dexter, NM**



Chance Coats is the President and owner of his company, Coats Pump & Supply, Inc. He is currently serving as the President of the New Mexico Ground Water Association. He holds a Bachelor of Business Administration from New Mexico State University and a Master of Water Resources from University of New Mexico. He is a licensed driller and pump installer with the State of New Mexico. His company is located in Southeastern New Mexico and services the Roswell Artesian Basin and surrounding areas. He has grown up in the industry and has a unique skill set that covers both technical and practical water well applications. Chance is passionate about the ground water industry and enjoys sharing his findings and stories with his peers.

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



Marvin F. Gloffely, P.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 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 to audiences in 25 U.S. states and eight international countries. In 1995, he received the City of Phoenix Mayor's Environmental Award for his work with rehabilitation of municipal wells to improve their water quality, and he was the National Ground Water Association's Distinguished McElhiney Lecturer in 2012. Mr. Gloffely was also recipient of the Arizona Hydrological Society's Lifetime Achievement Award in 2021. He has also authored over 30 publications, including *The Art of Water Wells* (NGWA Press, 2019), *Glossary of Driller's Terms* (NGWA Press, 2004), and editorial review of Chapter 10 of the 3rd ed. *Groundwater & Wells* (Johnson Screens Co., 2007). He also contributes quarterly articles to the NGWA's Water Well Journal in his *The Art of Water Wells* column.

### **Noah Heller, PG, President, BESST Inc., San Rafael, CA**



Noah has been a practicing geologist for the past 35 years, has a MS in Geology and is a California registered geologist. In total, he has received 16 patents and has patents pending as well. Since 2005, Noah has focused much of his time on the commercialization and continuing technical development of the Tracer Flowmeter and Depth Dependent Sampler that was initially developed by the USGS and licensed exclusively to BESST. Over the past 15 years, BESST has profiled approximately 1,000 public supply wells, primarily for water quality and has amassed a large database of zonal geochemistry throughout California. BESST has applied this knowledge to better understand subsurface distribution patterns of naturally occurring and anthropogenic compounds. These insights have led to the development of a new application for the technology called Stacked Dynamic Profiling of Long Screened Test Wells. This technology and method are being applied at sites through the US.

### **Scott McDonnell, Technical Sales Manager, Goulds Water Technology a Xylem Brand, Yorba Linda, CA**



Scott 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 troubleshooted 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**



Mr. 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.

### **Mick Peterson, BSc., Partner, Jet West Geophysical Services, LLC, Farmington, NM**

Mick Peterson partner and found of Jet West Geophysical Services, LLC. Mick has over 35 years of experience in borehole geophysics, open and cased-hole logging, wireline well completions, work-overs and maintenance applications. He holds a B.S. in Petroleum Engineering from the University of Wyoming.

### **Jeri Pohl, Statewide Projects Program Manager, NMOSE, Santa Fe, NM**

Jeri Pohl manages the Statewide Projects Program with the NMOSE. Jerri received her B.S. in Environmental Science from the College of Santa Fe. Jerri also has twenty years working with the NMOSE from abstracting historical water rights files and followed by processing water rights

transfers and applications in the Tucumcari Basin and on the Upper Pecos and all tributaries. In her role with the Statewide Projects for nine years, she helps with policy formulation, regulation writing, managing four Aquifer Storage and Recovery Projects, multiple deep well constructions, licensing of water well drillers for NM, education and outreach including creating ten tutorials for the agency YouTube Channel and other video material, and providing the agency with statistics for quarterly and annual reporting.

**Thomas Staatz, BSc, PG, Partner, Jet West Geophysical Services, LLC, Farmington, NM**

Tom Staatz joined Jet West Geophysical Services, LLC in 2006, and is now a partner. Tom has over 40 years of experience in borehole geophysics, open and cased-hole logging, wireline well completions, work-overs and maintenance applications. He holds a B.S. in Geology from Colorado State University, and is a Registered Professional Geologist in Wyoming and California.

**Andrea Telmo, PE, Technical Section Manager, NMED Construction Program Bureau, Albuquerque, NM**



Andrea Telmo is currently the Technical Section Manager of the New Mexico Environment Department Construction Programs Bureau and has been working for there for over 12 years. She is a licensed professional engineer with over 20 years of experience managing publicly funded water, wastewater, and solid waste infrastructure projects. She has a B.S. in Earth Resources Engineering from University of California, Berkeley and a M.S. in Environmental Engineering from Michigan Technological University.

**Chris Wolf, PG, Hydrogeologist/Geochemist, Daniel B. Stephens & Associates, Inc., Albuquerque, NM**



Mr. Wolf specializes in applying geochemistry and hydrogeology to water resources and environmental projects and designs, installs, and tests water supply wells for tribes, municipalities, and water districts. For managed aquifer recharge (MAR) projects, Mr. Wolf evaluates geology and geochemistry to determine how local hydrogeology will influence water movement and water quality. By applying geochemical methods, he determines water chemistry and compatibility of the recharge source water with groundwater and aquifer sediments, and predicts water quality during MAR operations. Mr. Wolf has a MS in Geochemistry a BS in Geology from the New Mexico Institute of Mining and Technology.

**Emily Worthen, PE, Infrastructure Support Team Lead, NMED Drinking Water Bureau, Santa Fe, NM**

As the Drinking Water Bureau Infrastructure Support Team Lead, Emily's primary role is working with all New Mexico public drinking water systems to assure compliance with regulations for construction and modifications. She performs water system engineering reviews in accordance with state and adopted federal regulations. She oversees the EPA allocated Drinking Water State Revolving Loan Fund project submittals and funding process for water infrastructure. Emily received her engineering degree with a specialty in environmental and a minor in humanitarian engineering from Colorado School of Mines in 2010.