

Instructor Resumes:

Pablo Figueroa, Rural Development Specialist – Environmental/Tribal Circuit Rider

Pablo Figueroa will be the lead instructor under this contract. Figueroa is an experienced trainer and has provided a number of operator certification workshops. He also has a wide range of experience in providing technical, managerial and financial assistance to rural communities on wastewater management. He holds Grade IV operator certifications in all four of Arizona's disciplines: water treatment plant operator, water distribution system operator, wastewater collections system operator and wastewater treatment plant operator. He has experience with sequence batch reactor plants (SBR), membrane bio reactor plants (MBR) and various configurations of extended aeration activated sludge plants with denitrification. He holds a bachelor's degree in biology.

Education

Bachelor of Science, General Biology, Arizona State University, Tempe AZ
Associate of Arts, General Education, Arizona Western College, Yuma AZ
Arizona Grade IV Water Treatment Plant Operator certification, #OP030683
Arizona Grade IV Water Distribution System Operator certification, #OP030683
Arizona Grade IV Wastewater Collections System Operator certification, #OP030683
Arizona Grade IV Wastewater Treatment Plant Operator certification, #OP030683

Ty Long, Rural Development Specialist – Environmental

Ty Long will be the co-trainer for at least two workshops conducted under this contract. He has delivered multiple on-site trainings for operators in treatment math, process troubleshooting, sampling collection, lab analysis and permit reporting associated with EPA netDMR software. He also is an experienced wastewater operator and supervisor. In addition, he recently completed RCAC's train-the-trainer program. He has expertise in wastewater optimization techniques, reviewing engineering blueprints, permit renewals and negotiation, budgeting and capital improvement planning. Prior to joining RCAC, he was a wastewater treatment manager at a Class IV activated sludge facility. Long holds a Colorado Class A certified wastewater operator license; and an Idaho Class IV certified wastewater operator license. He also holds a bachelor's degree in geology.

Education

Bachelor of Science, geology, Colorado Mesa University
Colorado Class A certified wastewater operator license, #12830
Idaho Class IV certified wastewater operator license, #20578

Dave Wallis, Technical Programs Manager

Dave Wallis has been the lead trainer under our existing wastewater training contract with the Idaho DEQ. He is currently on medical leave and is expected to return to work in June 2016. He

may then provide training under this contract as well. Wallis' primary areas of expertise include operation, maintenance and management of both water and wastewater systems. At RCAC, he provides technical oversight, training and technical assistance to multiple programs along with assistance to tribes and tribal organizations for water and wastewater systems.

Wallis has more than 28 years of experience with water and wastewater treatment systems, distribution systems and collection systems. He supervised the park-wide utility operation, budgeting and staff of a major national park. The park had five wastewater plants, 17 water treatment systems and associated treatment plants and analytical monitoring systems, SCADA systems, pumping systems and utility infrastructure valued at nearly \$100 million. Wallis holds Arizona Department of Environmental Quality and California Department of Health Grade IV Wastewater Treatment Plant Operations certificates and Grade II Water Treatment and Water Distribution certificates in both states.

Education

Arizona Grade IV Wastewater Treatment, #OP030423

California Grade IV Wastewater Treatment, #7361