



Numeric Nutrient Criteria Implementation Workshop

Featured Panelists

Drew Bartlett

Deputy Secretary of Water Policy and Ecosystem Restoration
Department of Environmental Protection



Andrew Bartlett is the Deputy Secretary of Water Policy and Ecosystem Restoration. In this position, he exercises general oversight over the State's Water Management Districts, and manages the Offices of Water Policy, Ecosystem Projects, and Coastal and Aquatic Managed Areas, and the Division of Environmental Assessment and Restoration (DEAR). Mr. Bartlett is responsible for carrying out the Department's role in implementing the Everglades Forever Act and in restoring America's Everglades, managing over 4 million acres of Florida's most valuable submerged lands, and implementing the Florida Watershed Restoration Act and the Clean Water Act for Florida. Mr. Bartlett previously served as Director of the Division of Environmental Assessment and Restoration. Under Mr. Bartlett's leadership in this position, the state implemented the most comprehensive nutrient water quality standards in the nation. Before his tenure as the Director of the Division of Environmental Assessment and Restoration, Mr. Bartlett was Chief of the Standards, Monitoring, and TMDL Branch at the U.S. Environmental Protection Agency Region 4 office. Mr. Bartlett holds an industrial engineering degree from the Georgia Institute of Technology and received a master of business administration from Georgia State University.

Catherine Bray

Planning Chief – Water Quality Enhancement
City of Tallahassee



Catherine Bray is a Planning Chief-Water Quality Enhancement with the City of Tallahassee, Underground Utilities/Water Resources Engineering. Ms. Bray graduated from Eckerd College in 1991 with a B.S. in Marine Science, and has been working in Stormwater Management with the City for over 14 years. Ms. Bray has 23 years' experience in water quality sampling, research, water quality compliance issues and rule development. Ms. Bray currently assists with the City's review of environmental policies proposed by the State and Federal governments for stormwater and surface water quality issues.

David Childs

Legal Counsel for FWEA Utility Council

Hopping Green & Sams, P.A.



Since joining Hopping Green and Sams, P.A., in 2005, David Childs has represented and counseled various industry and local government clients on environmental permitting, enforcement, rulemaking, and legislative issues, with a particular focus on water and wastewater regulation and marine industry issues. Mr. Childs serves as primary legal counsel for the FWEA Utility Council. Mr. Child's work has included executive and legislative branch representation concerning the reuse of reclaimed water, land application of biosolids, and numeric nutrient criteria development. Mr. Childs previously worked as a staff engineer for CH2M Hill in the Water Business Group.

Russel Frydenborg

President

Frydenborg EcoLogic, LLC



Russ Frydenborg graduated from Florida State University with a degree in Biological Science and worked for the Department of Environmental Protection for 35 years. He is now President of Frydenborg EcoLogic, an environmental consulting firm that collects, evaluates and interprets water quality and biological data to assist entities in complying with environmental regulations.

Jeff Halcomb

Director of the Water Resources Department

City of Ocala



Jeff Halcomb works as the Director of the Water Resources Department for the City of Ocala, and has been in the water and wastewater field for thirty-seven years. He started working for Butler County, Ohio, in the water and wastewater department in 1977. Mr. Halcomb obtained a degree in Environmental Technology in 1980 from the Florida Institute of Technology. He later attended The University of Findley, in Ohio, graduating with a Bachelor's Degree in Environmental Management. He has had a diverse career working on various water and wastewater projects, including 16 years working with the Department of Energy and Fluor Daniel, a construction contractor, designing and then implementing clean-up techniques on a former Uranium processing facility in Fernald, Ohio. Currently in Ocala, Mr. Halcomb is working with staff on developing the City's Water Management Plan that will combine conservation and reclaimed water to minimize the amount of water pulled from the Floridan Aquifer. He has compassion for our environment and business, and would like to find a bridge between those two areas that stimulates our economy yet makes us aware of our natural surroundings and the need to protect both.

Daniel Hammond

Senior Consultant

Cardno Entrix



Daniel Hammond is a Senior Consultant with Cardno ENTRIX providing technical expertise, strategic state and federal regulatory support, and technical litigation support concerning water quality and water resource issues for a diverse group of public and private sector clients. Mr. Hammond has 14 years of experience assisting clients with the development and implementation of water resource project needs, focusing on regulatory permitting and compliance, Clean Water Act (CWA) issues, development of water quality criteria (such as Numeric Nutrient Criteria), and Total Maximum Daily Load (TMDL) development, implementation and compliance plans, and administrative challenge. Mr. Hammond's Masters work focused on the effects of human disturbance on dissolved oxygen and nutrient regimes in streams and implications for TMDL development.

Rick Hutton

Supervising Engineer

Gainesville Regional Utilities



Rick Hutton is a supervising engineer who oversees water and wastewater planning at Gainesville Regional Utilities. Mr. Hutton received his bachelors and masters degrees in environmental engineering from the University of Florida and is a Professional Engineer in the state of Florida. His duties include planning and development and evaluation of alternatives to address the many water resource challenges that the utility faces with regard to water supply, treatment and distribution, as well as wastewater collection, reclamation and reuse. Prior to working with GRU, Mr. Hutton spent 10 years doing environmental engineering consulting for a variety of municipal and industrial clients.

Christopher Pettit

Policy and Legislation Manager

Palm Beach County Utilities Department



Christopher Pettit is the Policy and Legislation Manager for the Palm Beach County Utilities Department. Mr. Pettit previously worked on the Numeric Nutrient Criteria litigation and rule development as a member of the Office of Counsel at the South Florida Water Management District. Mr. Pettit's previous work experience also includes stints at the University of Florida Water Institute and the Office of Counsel at the Southwest Florida Water Management District.

Rod Reardon

Vice President
Carollo Engineers



Rod Reardon is a Vice President at Carollo Engineers and serves as Carollo's National Wastewater Technology Leader. Mr. Reardon is an environmental engineer with over 30 years of experience in the study, design, and operation of municipal wastewater facilities, and has expertise in advanced wastewater treatment processes for the removal of nutrients, and in the use of membrane technologies for wastewater treatment. He has performed design work on over 50 nutrient removal facilities nationwide with a total treatment capacity in excess of 700 mgd. Mr. Reardon has a Bachelors degree in Chemical Engineering and a Masters degree in Civil/Sanitary Engineering from Lehigh University.

Paul Steinbrecher

Director of Permitting & Regulatory Conformance

JEA



Paul Steinbrecher is the Director of Permitting & Regulatory Conformance at JEA where his primary responsibility is overseeing the activities of the Environmental Affairs department to ensure that JEA is, and remains, in compliance with environmental laws and regulations, including both existing laws and such laws and regulations that may be enacted or amended in the future. Mr. Steinbrecher has been with JEA since 2001. Prior to that, he was a process engineer and project manager for CH2M HILL. Mr. Steinbrecher has a bachelor's of science in civil engineering from Valparaiso University and earned his master's in civil engineering at the University of Arkansas at Fayetteville.