



Numeric Nutrient Criteria Implementation Workshop

**A Utility-Focused Discussion To Give You The Tools You Need To
Prepare For FDEP's New Nutrient Criteria Rule**

Presented by: FWEA Utility Council

July 11, 2014 at 10:30 a.m.

Orange County Utilities

9150 Curry Ford Road, First Floor Public Meeting Room

Orlando, Florida 32825

I. A Primer on FDEP's Rule

Drew Bartlett, Deputy Secretary of Water Policy and Ecosystem Restoration
Department of Environmental Protection

II. How the Biological Metrics Were Derived

Russel Frydenborg, President
Frydenborg EcoLogic, LLC

III. Using Biological Metrics in Site Specific Situations

Daniel Hammond, Senior Consultant
Cardno Entrix

IV. Legal Permitting Perspectives

David Childs, Legal Counsel for FWEA Utility Council
Hopping Green & Sams, P.A.

[Lunch Break]

V. Water Quality Credit Trading

Paul Steinbrecher, Director of Permitting &
Regulatory Conformance
JEA

David Childs, Legal Counsel for FWEA Utility Council
Hopping Green & Sams, P.A.

VI. Treatment Technologies & Costs

Rod Reardon, Vice President
Carollo Engineers

VII. Utility Case Studies

a. Developing a Site Specific Criterion

Rick Hutton, Supervising Engineer
Gainesville Regional Utilities

b. Techniques in the Silver Springs Basin

Jeff Halcomb, Director of the Water Resources Department
City of Ocala

c. Springs TMDLs, BMAPs, and Stakeholder Equity

Catherine Bray, Planning Chief – Water Quality Enhancement
City of Tallahassee

d. South Florida Utility Compliance Strategies

Christopher Pettit, Policy and Legislation Manager
Palm Beach County Utilities Department