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Assessing Compliance with Numeric Nutrient Criteria (NNC) for the Spencer and Ridaught Landing Wastewater Treatment Facilities (Clay County)

November 2014 –
October 2015

Client: Clay County Utility Authority

Project Summary

Frydenborg EcoLogic, in conjunction with Applied Technologies and Management, assisted the Clay County Utilities Authority by implementing studies to determine compliance with NNC at two separate facilities. As part of a year-long effort, Frydenborg Ecologic staff conducted Stream Condition Index, BioRecon, Rapid Periphyton Survey, Linear Vegetation Survey, Wetland Condition Index, habitat and water quality sampling. A comprehensive report was prepared that interpreted the data in the context of Chapters 62-302 FAC, 62-303 FAC, and permit requirements. The report demonstrated that both facilities complied with NNC.



Innovative approach



The wetland and tidal conditions encountered during these studies in the Little Black Creek basin required special expertise for selecting the most appropriate biological tools, and determining where to assess against the narrative nutrient criterion.

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