



**Plans Reviewed in Selecting
Management Practices
Technical Memorandum
Suwannee-Satilla Regional Water
Planning Council**

Banks Lake, Lanier County

**Supplemental Material
Initial Recommended Suwannee-Satilla
Regional Water Plan**

May 2011

CDM

*Banks Lake, Lanier County
photo courtesy of the Georgia
Department of Industry,
Trade & Tourism*

The Suwannee-Satilla Regional Water Planning Council (RWPC) conducted a comprehensive review of existing local and regional water management plans and relevant related documents to frame the selection of management practices. The Suwannee-Satilla Council boundary along with the counties and major towns within the region are shown on Figure 1.

As summarized in Table 1, the types of plans/studies that were reviewed to support identification and selection of management practices for the Suwannee-Satilla Region consisted of the following:

- Comprehensive Work Plans (local and regional scale)
- EPD databases (permitted withdrawals, planned projects, and proposed reservoirs)
- State-wide guidance documents (conservation, cost, and water planning)
- Best Management Practices (forestry, agriculture, and stormwater management)
- Water quality studies (basin, watershed, and local scale)
- TMDL evaluations

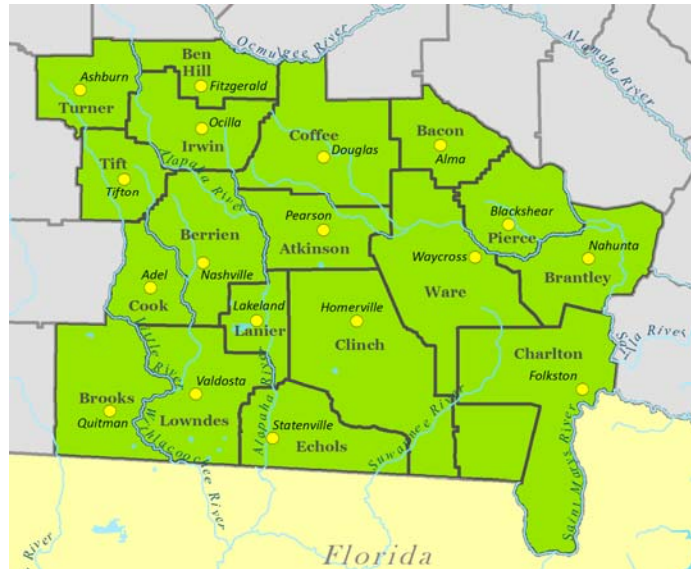


Figure 1: Suwannee-Satilla RWPC Boundary

When possible, successful management practices already planned for and/or used in the region formed the basis for the water management practices selected by the Suwannee-Satilla Council.

Table 1: Plans Reviewed in Selecting Management Practices

Plan Type or Specific Title	Regional Resource(s) Impacted (Watershed/ Aquifer)	Organization or Entity Associated With Plan	Date of Plan	Description of Relevant Plan Content (i.e., Practices currently planned for and/or in use in the Region to form the basis for the Council's selected water management practices)
Review of Local Comprehensive Plans	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers; Floridan Aquifer	Southern Georgia Regional Commission	2010	Identifies potentially relevant management practices identified by Regional Commission based on their review of local Comprehensive Plans.
Coastal Georgia Water and Wastewater Permitting Plan for Managing Saltwater Intrusion	Floridan Aquifer	Bacon, Brantley, Charlton, Pierce, and Ware Counties	2006	Establishes conservation and reuse requirements for public and private water utilities, agricultural providers, and industries within the counties listed.
Georgia's Water Conservation Implementation Plan	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers; Floridan Aquifer	State of Georgia	2010	Outlines water conservation strategies for individual water use sectors to reduce resource withdrawals by promoting more efficient application and use of water.
Georgia Comprehensive State-wide Water Management Plan	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers; Floridan Aquifer	State of Georgia	2008	Provides state-wide policies and management practices to guide regional planning of the State's water resources.
Supplemental Guidance for Regional Planning Contractors: Water Management Practices Cost Comparison	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers; Floridan Aquifer	State of Georgia (EPD document)	2010	Provides a "universe" of potential surface water and groundwater management practices and related unit costs.
EPD databases for permitted withdrawals, proposed reservoirs, and planned projects	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers; Floridan Aquifer	Suwannee-Satilla Region	2010	Provides information on planned and/or permitted water and wastewater withdrawals/projects.
Georgia's Best Management Practices for Forestry	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Forestry industries in Georgia (Georgia Forestry Commission)	2009	Outlines forest management practices such as streamside management zones, forested filter strips, mechanical site preparation, firebreaks, and main haul roads.

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Georgia Environmental Facilities Authority, Georgia Inventory and Survey of Feasible Sites for Water Supply Reservoirs	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Suwannee-Satilla Region	2008	Provides a summary of potential reservoir sites and general information regarding location and storage.
Best Management Practices for Georgia Agriculture	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Agriculture community in Georgia (The Georgia Soil and Water Conservation Commission)	2007	A compilation of BMPs that address surface water quality and include an estimate of the effectiveness and relative cost of each BMP.
Georgia Stormwater Management Manual (Volumes 1 and 2) and Coastal Stormwater Supplement	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Local government and development community	2001, 2009	Provides guidance on principles of effective urban stormwater management. It also provides an overview of integrated stormwater management, site and watershed level stormwater management, floodplain management, and technology and tools for implementing stormwater management programs.
Georgia Manual for Erosion and Sediment Control	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Georgia Soil and Water Conservation Commission	2000	Provides technical guidance for formulating plans for land-disturbing activities in accordance with the 1975 Erosion and Sedimentation Act.
Comprehensive Wildlife Conservation Strategy	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	State of Georgia (GADNR)	2005	Identifies goals, strategies, and partnerships for habitat restoration, minimizing impacts from development, and increasing awareness and maintenance of high-priority species.

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Georgia Water Stewardship Act 2010 (Senate Bill 370)	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers; Floridan Aquifer	Georgia DNR, EPD, Georgia Department of Community Affairs, Georgia Forestry Commission, Georgia Department of Community Health, Georgia Department of Agriculture, Georgia Soil and Water Conservation Commission	2010	Develops programs and incentives for water conservation and reporting measureable progress of such programs. Requires establishment of BMPs by public water systems, changes related to watering restrictions, classification and continuation/discontinuation of certain farm use water permits, water metering requirements, requirement of high-efficiency plumbing fixtures and landscape practices.
Satilla River Basin Management Plan	Satilla River	Atkinson, Bacon, Ben Hill, Brantley, Charlton, Coffee, Irwin, Pierce, and Ware Counties	2002	Describes recommended management practices that relate to water quality control and wetland/riparian restoration, protection, and enhancement.
Suwannee River Basin Management Plan	Alapaha River, Suwannee River, and Withlacoochee River	Atkinson, Barrien, Ben Hill, Brantley, Brooks, Charlton, Clinch, Coffee, Cook, Echols, Irwin, Lanier, Lowdnes, Tift, Turner, and Ware Counties	2002	Describes recommended management practices that relate to water quality control and wetland/riparian restoration, protection, and enhancement.
St. Marys River Basin Management Plan	St. Marys River	Charlton and Ware Counties	2002	Describes recommended management practices that relate to water quality control and wetland/riparian restoration, protection, and enhancement.
Final TMDL Evaluation Reports and TMDL Implementation Plans	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Suwannee-Satilla Region	1998-2008	Describes development of TMDL for specified parameters (e.g., DO, fecal coliform) and the associated action plans to mitigate the impairment at a watershed level.

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Handbook for Developing Watershed Plans to Restore and Protect Our Waters	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	Suwannee-Satilla Region (EPA document)	2008	Provides information on developing and implementing watershed management plans and an overview of management measures that might be selected.
Georgia State Water Plan, Water Quality Modeling: Guidance for Management Practice Evaluation	Alapaha, Satilla, St. Marys, Suwannee, and Withlacoochee Rivers	State of Georgia (CH2M Hill document)	2010	Provides guidance on management practices for controlling nonpoint source pollution from agriculture, forestry, and urban land uses. Includes pollutant removal efficiencies for select practices.
Watershed Protection Plan, City of Pearson, Atkinson County, Georgia	Alapaha, Satilla, and Upper Suwannee Watersheds	City of Pearson	2008	Describes recommended management practices that relate to structural stormwater management, public education and outreach, and long term monitoring of water resources.
City of Valdosta Watershed Protection Plan	Alapaha, Little, and Withlacoochee Watersheds	City of Valdosta	2009	Describes recommended management practices that relate to stormwater management, public education and outreach, additional data collection, water resource protection ordinances, and long term monitoring of water resources.