

Program Name: Water Supply Planning
Project Name: **Regional water supply plans (LEC Plan, LWC Plan, UEC Plan, KB Plan)**
Project ID: 3800 (Formerly Project ID 3704)
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): Water made available through Alternative Water Supply (AWS) Program is reported separately as Project ID: 3900.

Project Synopsis: Water supply plans are mandated to be updated at least every five years. The most recent updates of the Upper East Coast, Kissimmee Basin, Lower East Coast, and Lower West Coast Water Supply Plans were approved in 2006 and reflect the new requirements of the Water Resource Protection and Sustainability Program (Program). The Program requires a higher level of water supply planning coordination between the water management districts and local governments to ensure permitted water supply and potable water facilities are available before new development is approved.

Under current legislation, the District must notify each local government in the planning region within six months of the plan approval. Each local government then has 1 year from the notification to identify the water supply projects it intends to develop. Local governments also must update their Facility Work Plan that details the water supply projects, conservation, and reuse for at least a 10-year planning period within 18 months after the water supply plans are approved.

Each regional water supply plan includes a water supply development chapter and a water resource development chapter. Water supply projects create water and are the responsibility of local governments and utilities. Water resource development projects support and enhance water supply development projects, but often do not by themselves yield specific quantities of water. For example, hydrologic investigations and groundwater monitoring and modeling provide important information on aquifer characteristics, such as hydraulic properties and water quality. All of these efforts are useful in developing an appropriate facility design, identifying the safe yield and evaluating the economic viability of water supply development projects. Because water resource development projects often cross planning region boundaries or are conducted District-wide and usually do not produce water, the projects are not discussed individually in this document.

Current Status: The process to update the plans for the Upper East Coast and Lower West Coast is under way. Population and demand projections have been developed, public workshops held, presentations made to local governments in the planning regions to inform them of the process, goals, objectives, and issues for each region agreed upon, and several chapters drafted. Additional public workshops will be held and the documents completed and reviewed by stakeholders. The two plans are scheduled to be submitted to the Governing Board for their approval in early 2011. The Kissimmee Basin and Lower East Coast plans are in the initial stages and will get underway in late 2010 and are expected to be completed in the summer of 2012.

Cost:	Total Cost*+
Regional water supply plans	\$ 17,542,000

*Excludes: costs associated with CERP, and costs of alternative water supply projects, which are reported separately.
+ Source: The 2008 South Florida Environmental Report, Volume II, Chapter 5: Water Supply

Contacts: Mark Elsner, SFWMD, 561-682-66156; Cynthia Gefvert, SFWMD, 561-682-2610