

Water Supply Planning and Local Comprehensive Plans



SFWMD's Lower East Coast
December 6, 2007

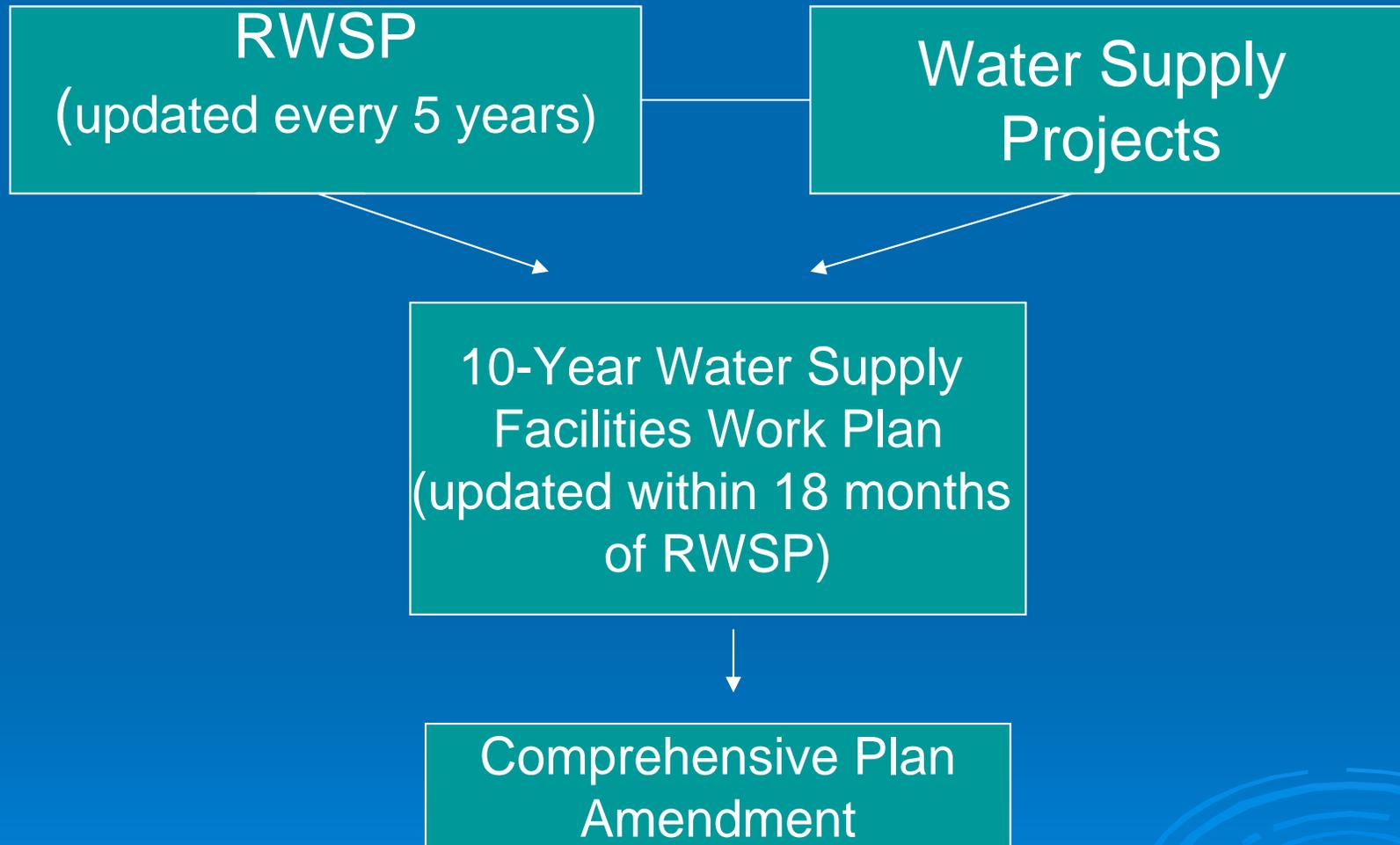
Terminology

- Regional Water Supply Plan:
 - Required by Section 373.0361(1), F.S.
 - Prepared by Water Management Districts
 - Updated every five years

- 10-Year Water Supply Facilities Work Plan:
 - Required by Section 163.3177(6)(c), F.S.
 - Prepared by local governments
 - Updated at least every five years to be consistent with RWSP

General Requirements

- Local governments subject to a regional water supply plan prepared by the water management district are required to:
 - Prepare a 10-year water supply facilities work plan
 - Identify how future water supply needs will be met
 - Amend the local comprehensive plan to incorporate the work plan



10-Year Water Supply Facilities Work Plan

- The work plan incorporates some or all of the alternative, traditional, conservation and reuse projects or strategies necessary to meet water supply needs identified in the Regional Water Supply Plan

10-Year Water Supply Facilities Work Plan

- The work plan is a planning document based on the local government's unique circumstances
- It includes some or all of the conservation and reuse projects or strategies identified in the Regional Water Supply Plan

What should the work plan include?

- The work plan should include:
 - Projections of future water demand
 - Identification of existing water sources and facilities
 - Identification of alternative water sources, conservation, reuse, and the need for new and expanded facilities regardless of service provider
 - Cost analysis and funding for capital improvements projects

What should the work plan include?

- The format and level of detail should be similar to the Infrastructure Element and include:
 - Data and analysis
 - Goals, objectives and policies
 - A financially feasible five-year schedule of capital improvements

What should the work plan include?

- Water supply and demand projections for at least the next 10 years
 - An assessment of current water sources and whether they're adequate to meet projected demand
 - Alternative water supply projects the local government will implement
- 

What should the work plan include?

- Demonstration that your local government has coordinated with all of your water suppliers

What if? #1

- What if my local government is not a water supplier. Do I still need to write a plan?

YES



Internal Consistency

- The work plan may trigger updates to other comprehensive plan elements
 - Future Land Use
 - Conservation
 - Infrastructure
 - Intergovernmental Coordination
 - Capital Improvements
 - Others, as needed

Data and Analysis

- The work plan should include the following specific information:
 - Inventory of all water service providers
 - Geographic service area
 - Identify existing water supply facilities including wells and intake points, treatment and storage facilities and distribution mains

Data and Analysis

- Design capacity of production and treatment facilities; the current demand on the facilities, the geographic area served and CUP conditions and duration
- Conservation and reuse practices and regulations
- Determination of future needs for each service area

Capital Improvements

- If the local government is a service provider, identify capital improvements needed to serve existing and planned development
 - Identify publicly and privately funded projects necessary to serve development in the next five years
- 
- The background of the slide features several faint, concentric circular ripples, resembling water droplets, scattered across the bottom half of the blue background.

Capital Improvements

- Identify capital improvements for water supply projects and infrastructure needed in the next five years
- Include strategies that identify funding programs that the local government intends to use to address future needs

Work Plan Format

1. Incorporate the plan as a sub-element
- recommended
2. Incorporate by reference in a policy
3. Include as a set of goals, objectives and policies in the Infrastructure Element
4. Include as goals, objectives and policies throughout the comprehensive plan

Adoption Due Date

- **2/15/07**: date the SFWMD approved the Lower East Coast Water Supply Plan Update
- **8/15/08**: date the following local governments must adopt their water supply facilities work plans:
 - Broward Co. and its municipalities
 - Miami-Dade County and its municipalities
 - Monroe County and its municipalities
 - Palm Beach County and its municipalities

What if? #2

- What if my local government doesn't adopt its work plan by 8/15/08?
 - Future comprehensive plan amendments may be found not in compliance

Adoption Process

- The law allows that amendment of the comprehensive plan to incorporate the 10-Year Water Supply Facilities Work Plan can be exempt from the twice-per-year limitation on comprehensive plan amendments

Water Supply Concurrency

- All local governments have to implement water supply concurrency

Evaluation and Appraisal Report

- Latest point at which a comprehensive plan must be revised to reflect water supply concurrency requirements is at the EAR based amendments



Water Supply Guides Online

- A Guide for Local Governments in Preparing Water Supply Comprehensive Plan Amendments and Water Supply Facilities Work Plans
- Recommendations for Preparing Water Supply Facility Data and Analysis to Support Local Comprehensive Plan Amendments
- Agency Coordination of Comprehensive Planning and Water Supply Planning in Florida

Additional Guides Online

- A Guide to Preparing an Evaluation and Appraisal Report
- A Guide to the Annual Update of the Capital Improvements Element
- Capital Improvements Element Best Practices Manual

<http://www.dca.state.fl.us/fdcp/DCP/publications>

Contact Information

Vicki Morrison, Principal Planner
Department of Community Affairs
2555 Shumard Oak Boulevard
Tallahassee, FL 32399
850-921-3775
vicki.morrison@dca.state.fl.us

Questions and Discussion

