

Water Supply Planning and Local Comprehensive Plans



**South Florida Water Management District
Miami, FL
January 23, 2008**

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 must incorporate some or all of the alternative, traditional, conservation and reuse projects or strategies necessary to meet water supply needs identified in the Water Management District's Regional Water Supply Plan

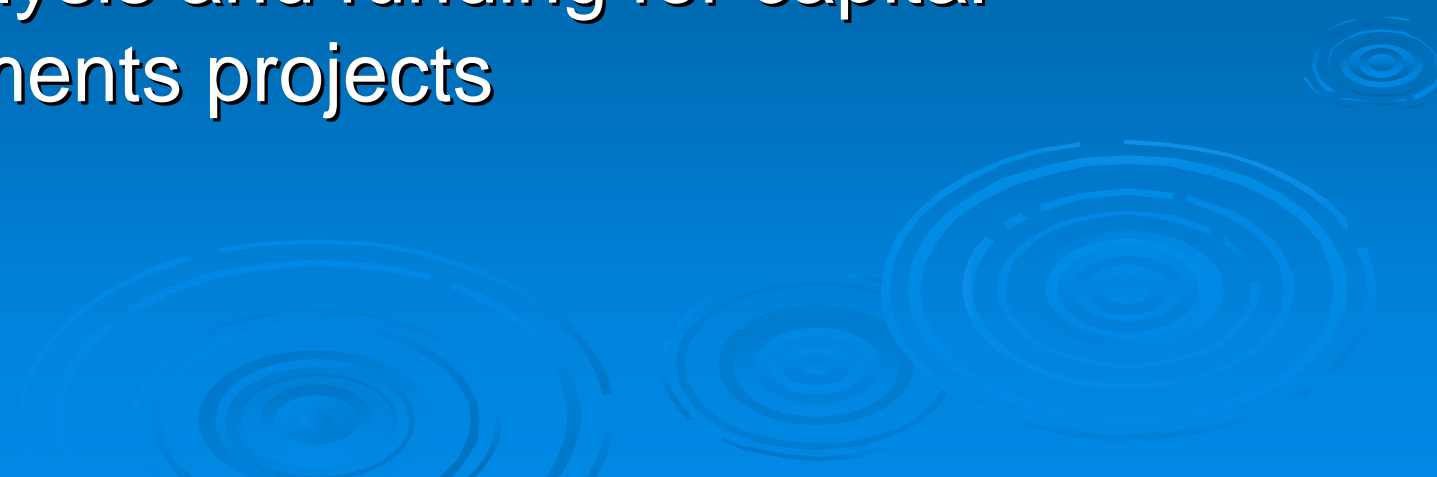
What should the work plan include?

- 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?

- The work plan should include:
 - Projections of future water demand for at least the next 10 years
 - Identification and assessment of existing water sources and whether they're adequate to meet projected demand
 - Identification of alternative water sources, conservation, reuse, and the need for new and expanded facilities regardless of service provider

What should the work plan include?

- Identification of alternative water supply projects the local government will implement
 - Demonstration that your local government has coordinated with all of its water suppliers
 - Cost analysis and funding for capital improvements projects
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- The bottom right portion of the slide features a decorative graphic of several concentric circles, resembling ripples on water, rendered in a lighter shade of blue against the main background.

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
- Include strategies that identify funding programs that the local government intends to use to meet future needs

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

Work Plan Format

1. Incorporate the plan as a sub-element
- recommended
2. Incorporate by reference in a policy
3. 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 10-year water supply facilities work plans:
 - Broward County and its municipalities
 - Miami-Dade County and its municipalities
 - Monroe County and its municipalities
 - Palm Beach County and its municipalities

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

What if?

- What if my local government is not a water supplier. Do I still need to adopt a 10-year water supply facilities work plan?

Answer

- Yes. Even if your local government is not the water authority, your local government must:
 - Address how it will get the water necessary to meet future needs
 - Identify water supply, treatment and distribution facilities, and bulk sales agreements
 - Demonstrate that it has coordinated with water suppliers to obtain water

What if?

What if my local government doesn't adopt its 10-year water supply facilities work plan by the deadline?



Answer

- Future comprehensive plan amendments may be found not in compliance
- EAR may be found insufficient

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
- Latest point at which the work plan can be adopted also at time of 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

