

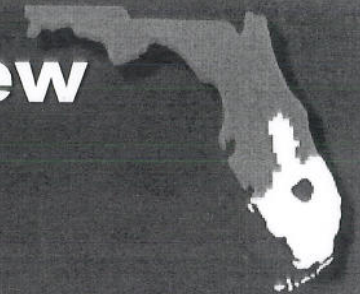
12/04/07 BCC Meeting
Item # 5A-7
11:30 A.M. TIME CERTAIN

Comprehensive Planning Overview

Chip Merriam

Deputy Executive Director, Water Resources

November 2007



sfwmd.com



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Comprehensive Planning Overview

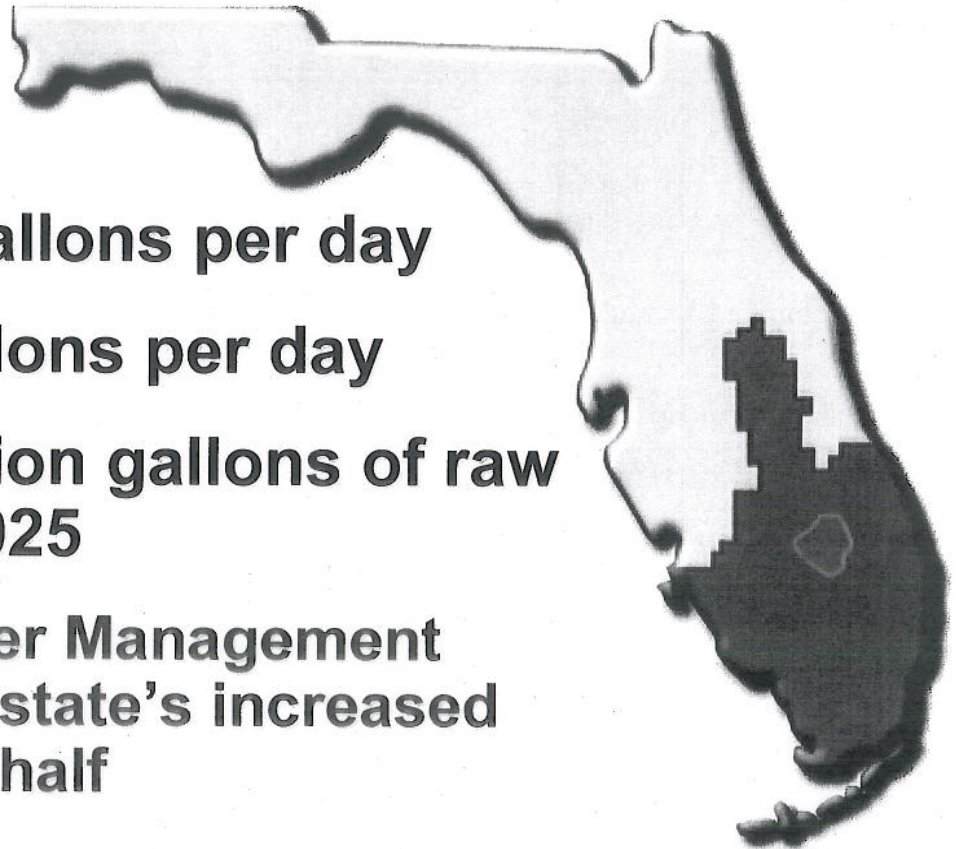


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**Comprehensive Planning Overview
Statewide Water Use**

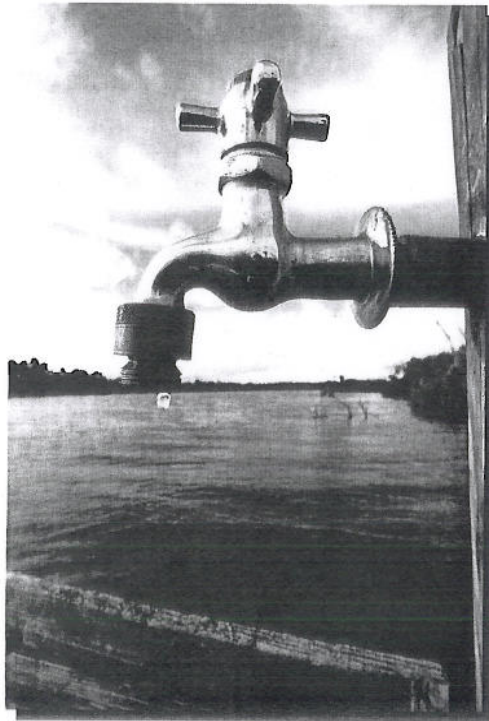


- **TODAY: 6 billion gallons per day**
- **2025: 8 billions gallons per day**
- **An additional 2 billion gallons of raw water needed by 2025**
 - **South Florida Water Management District's share of state's increased demand is almost half**





Comprehensive Planning Overview Water Use Categories



- **Public Water Supply**
- **Domestic Self-Supply**
- **Agricultural Self-Supply**
- **Recreational Self-Supply**
- **Commercial & Industrial Self-Supply**
- **Thermoelectric Power Generation Self-Supply**

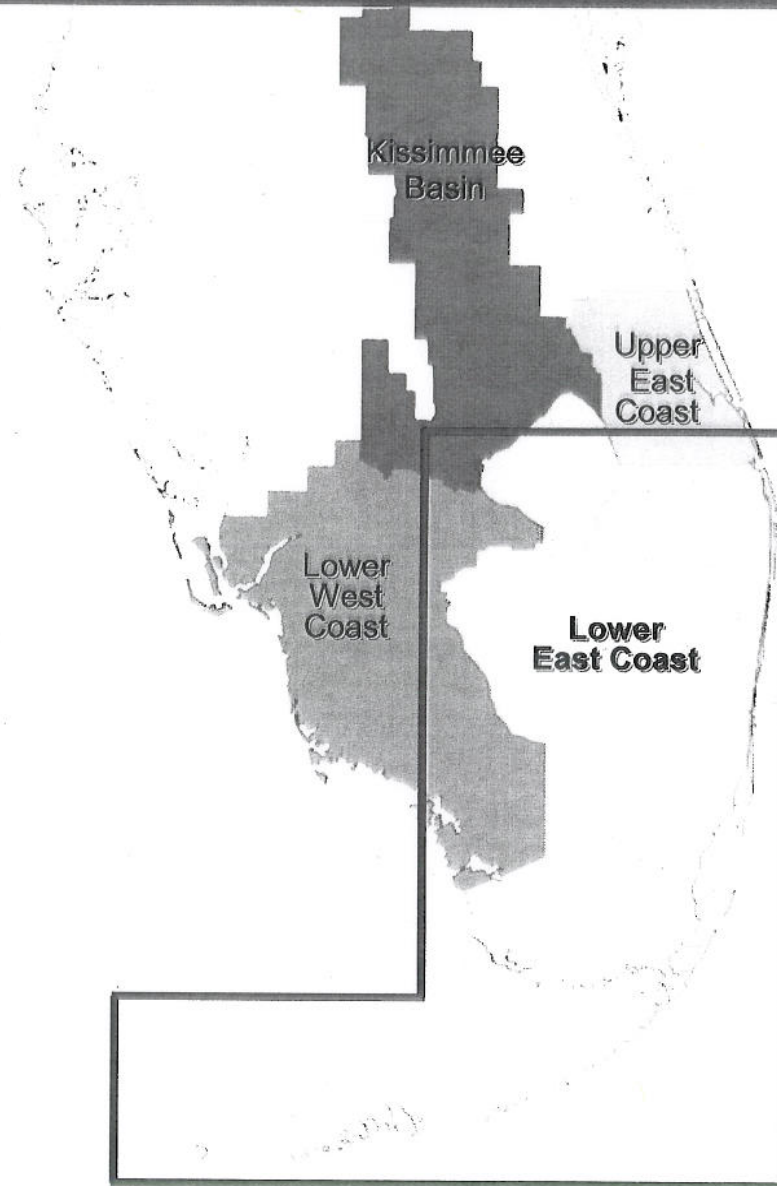
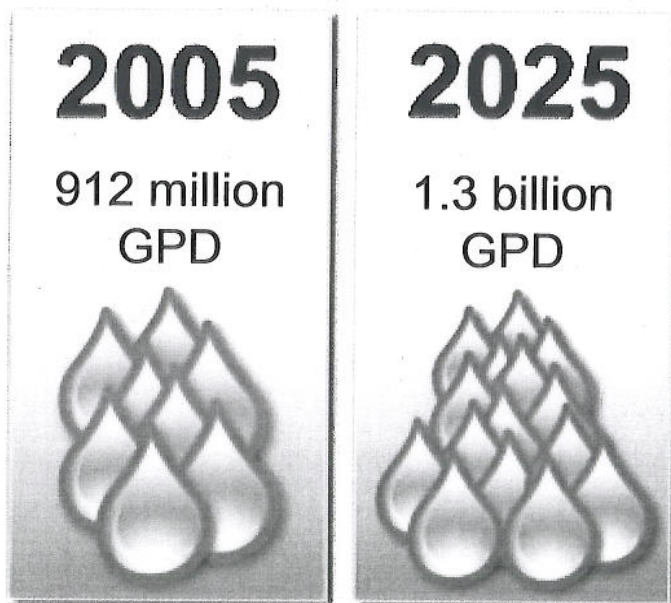
Total public water supply demand District-wide will be 1.9 billion gallons per day by 2025



Comprehensive Planning Overview Public Water Supply Demands



Lower East Coast Planning Region

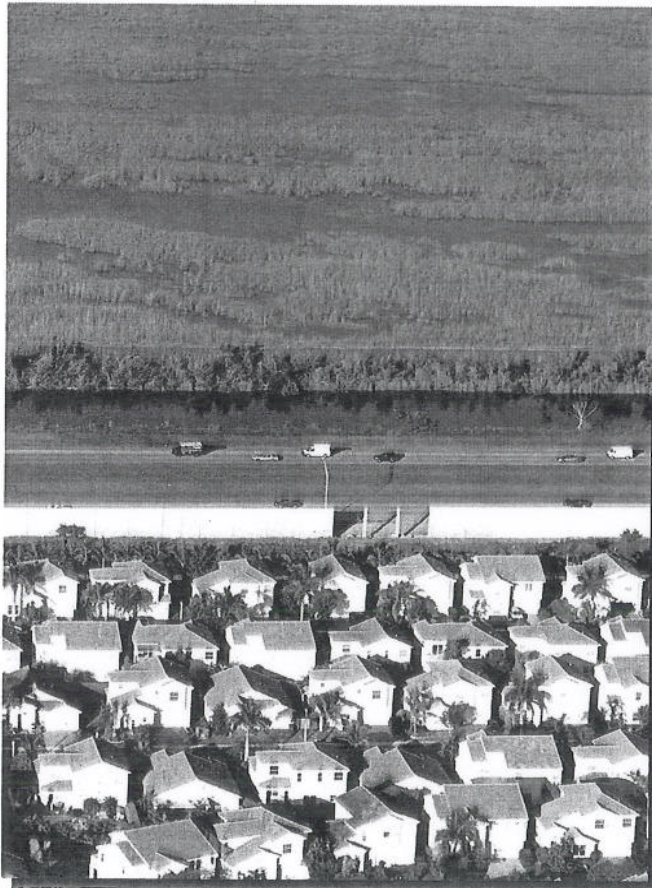
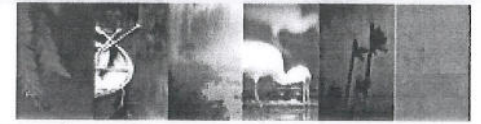


State Law Now Links Growth with Water Supply Components



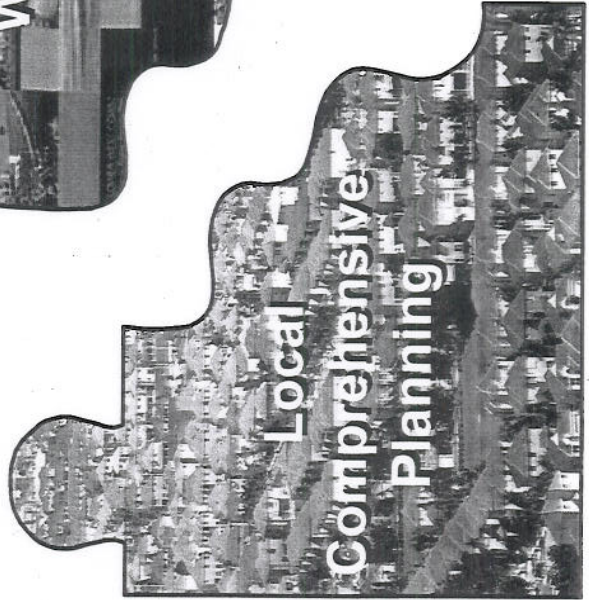
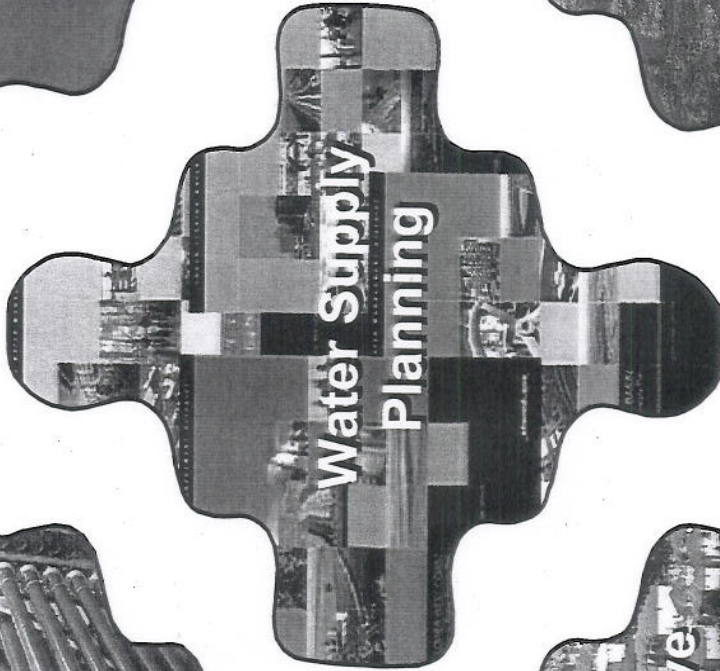
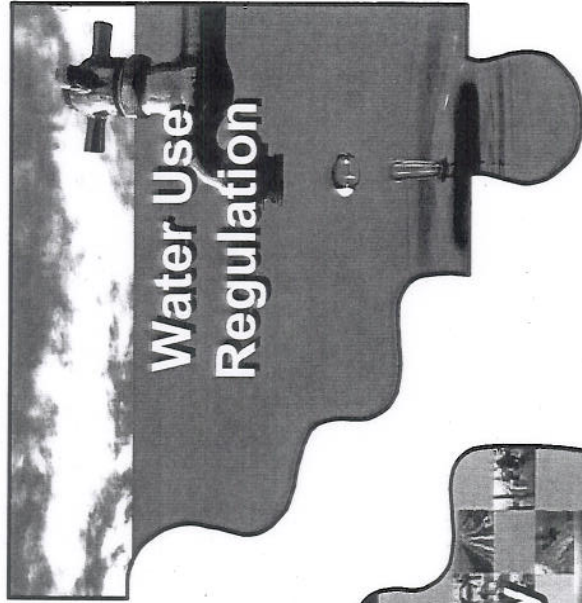


State Law Links Growth and Water Supply Overview



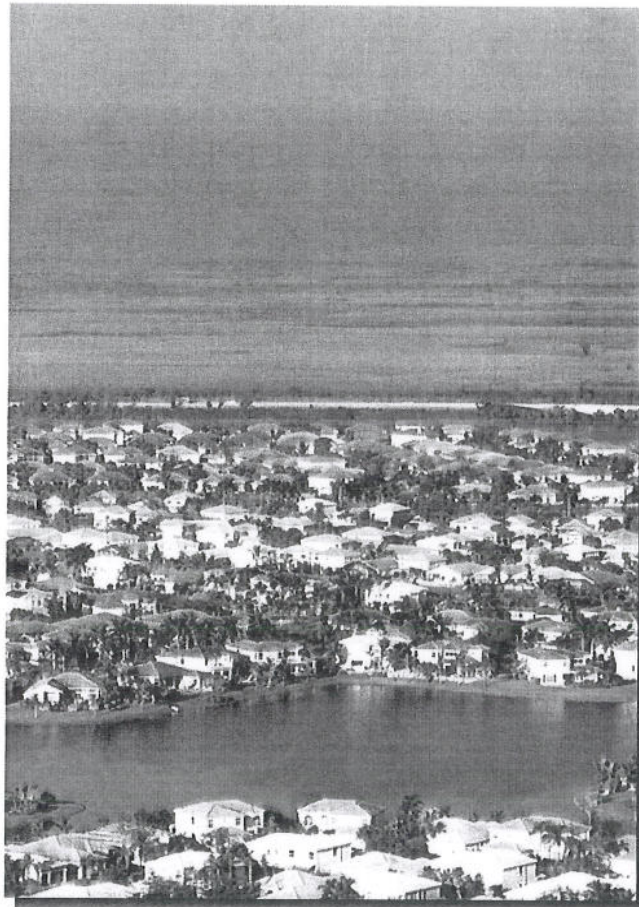
- **Senate Bills 360 and 444 passed in 2005 set into motion a series of actions that will culminate with deadlines in 2008.**
- **The new laws ensure roads, schools and water are available to meet the needs of communities in one of the fastest growing states in the nation.**

State Law Links Growth and Water Supply Overview





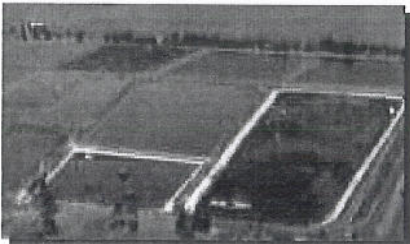
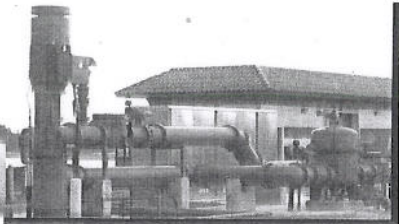
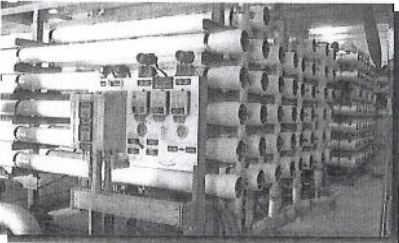
State Law Links Growth and Water Supply New Laws



- Increase focus on alternative water supplies
- Improve communication between utilities and planning departments
- Strengthen link between water supply plans and land use planning



State Law Links Growth and Water Supply Alternative Water Supply



Why are alternative water supplies needed?

- Traditional sources are limited
- Proactive approach to meet future water needs
- Reduce potential impacts on and competition with natural resources
- One time use of water is no longer considered beneficial use

Local Government Water Supply Planning Requirements



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Local Government Requirements Overview

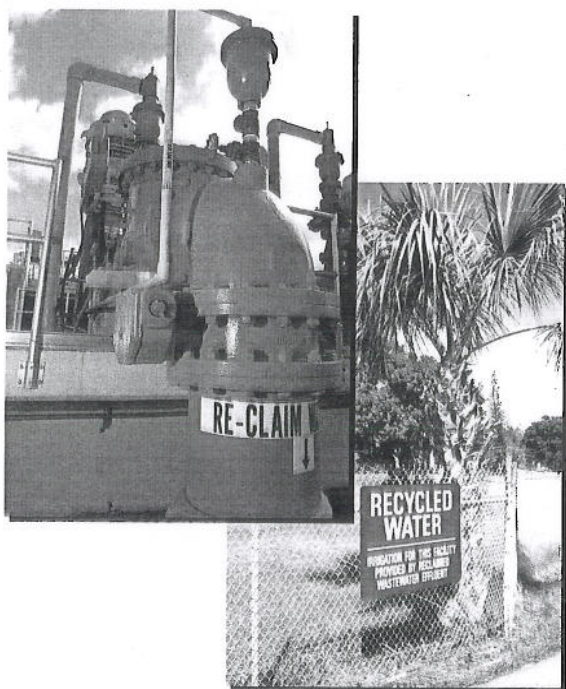


- Identify how future water supply needs will be met
- Prepare a 10-year water supply facilities work plan
- Amend the local comprehensive plan to incorporate the 10-year water supply facilities work plan

**Local Government Requirements
10-Year Work Plan**



10-Year Water Supply Facility Work Plan must identify sources:



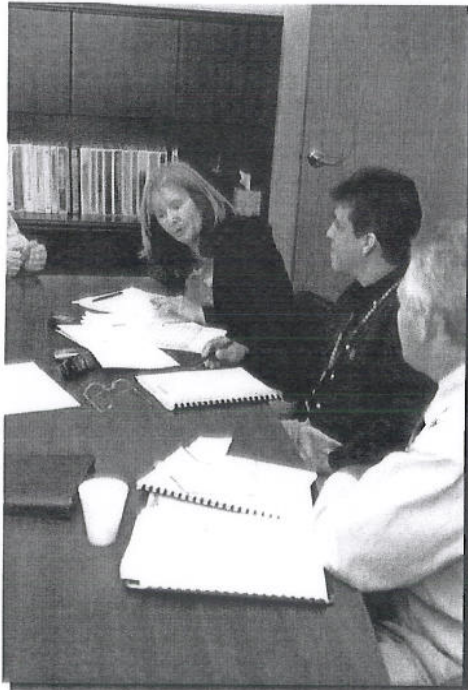
- **Traditional water supply projects**
- **Alternative water supply projects**
- **Conservation programs**
- **Reuse programs**



Local Government Requirements 10-Year Work Plan



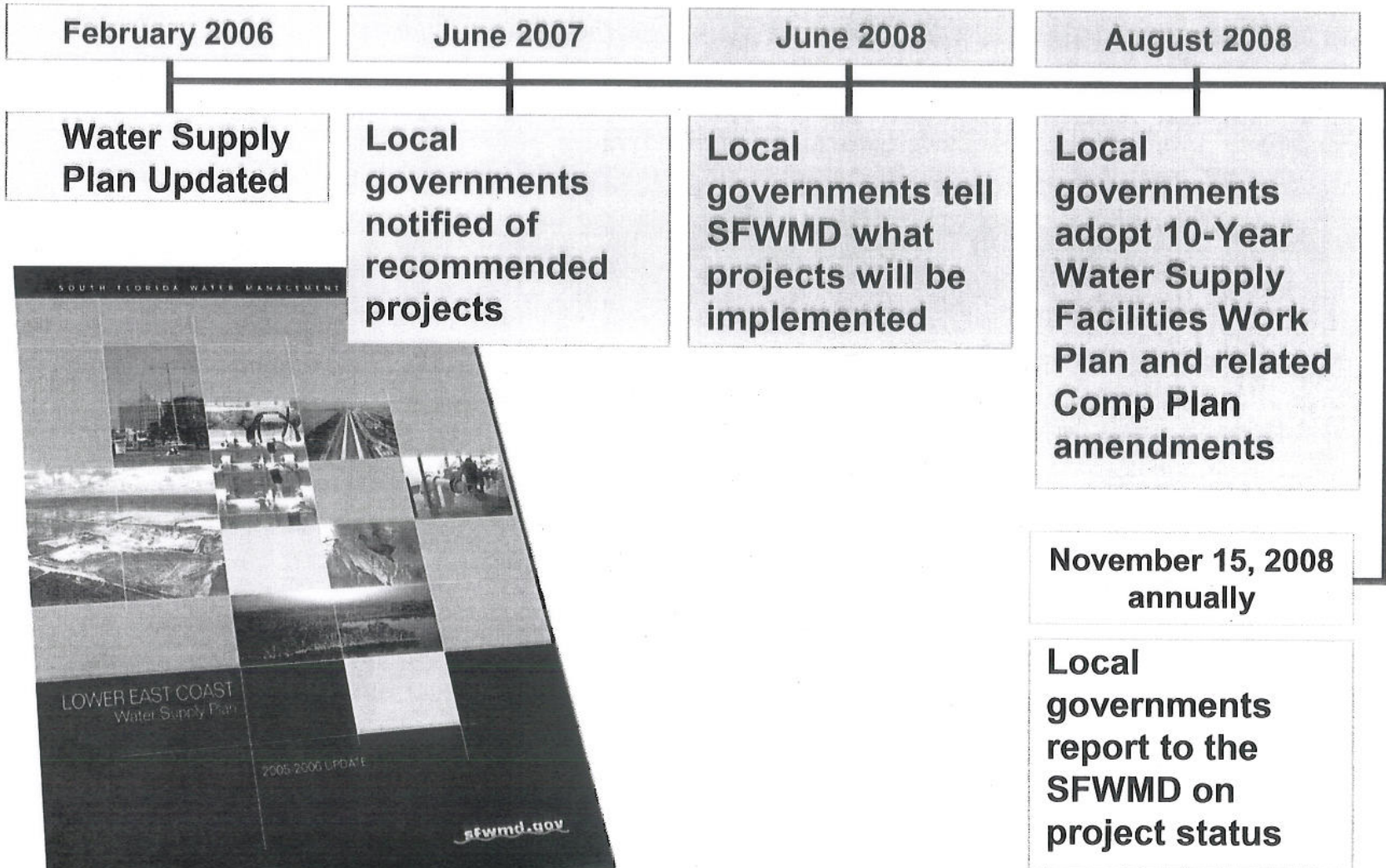
10-Year Water Supply Facility Work Plan must identify:



- **Financial planning**
- **Facilities master planning**
- **Permitting**
- **Activities and efforts in coordinating or participating in multijurisdictional projects, where applicable**



Local Government Requirements 10-Year Work Plan



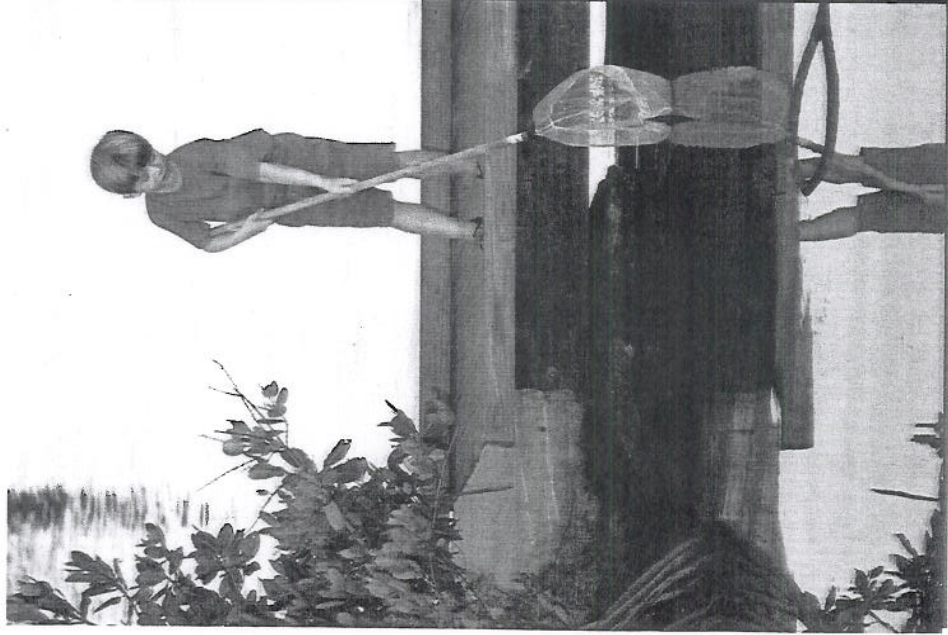
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

South Florida Water Management District's Role in Comprehensive Planning



South Florida Water Management District

Our Role



- **Update water supply plans**
- **Review and comment on local government comprehensive plans on water resource issues**
- **Technical assistance**
- **Funding assistance (Alternative Water Supply Grant Program)**
- **Work Plan Due Dates August 2008 Lower East Coast**

SOUTH FLORIDA WATER MANAGEMENT DISTRICT



Questions ?



South Florida Water Management District