

2014 LOWER KISSIMMEE BASIN WATER SUPPLY PLAN



The Plan Process

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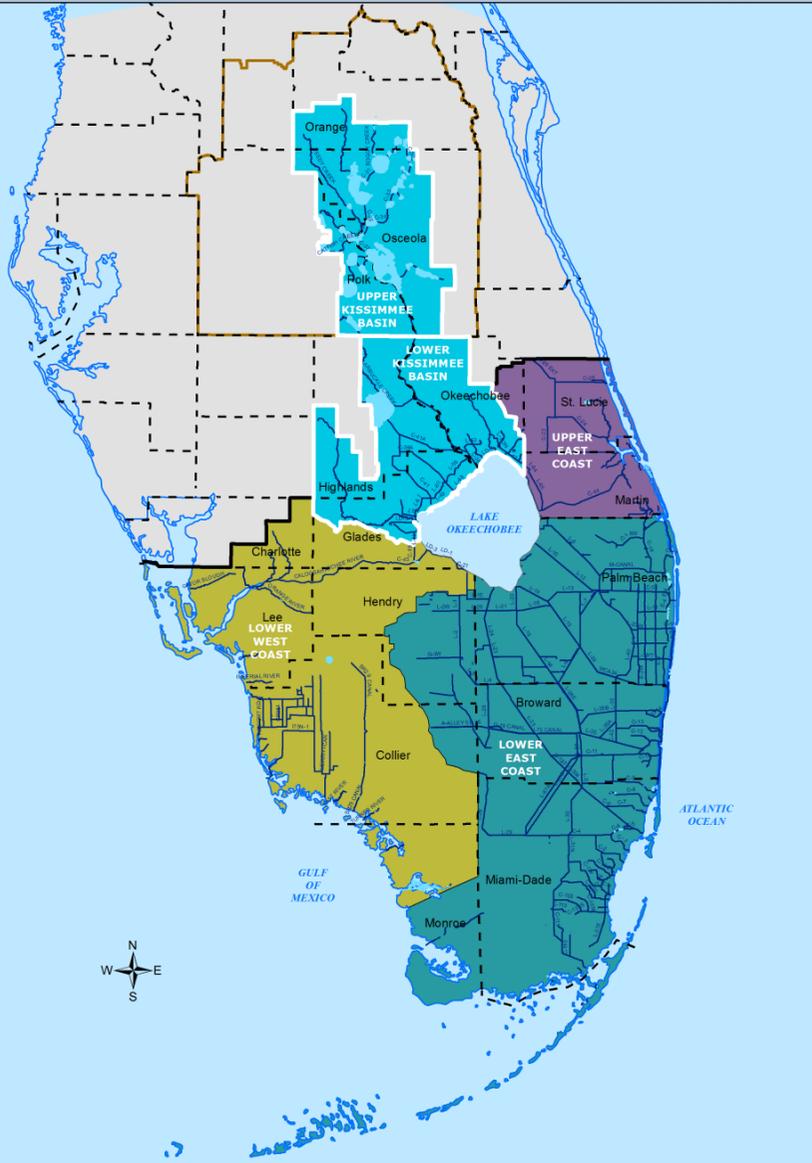
Section Leader

Water Supply Development, SFWMD



April 16, 2014

What is a Regional Water Supply Plan?



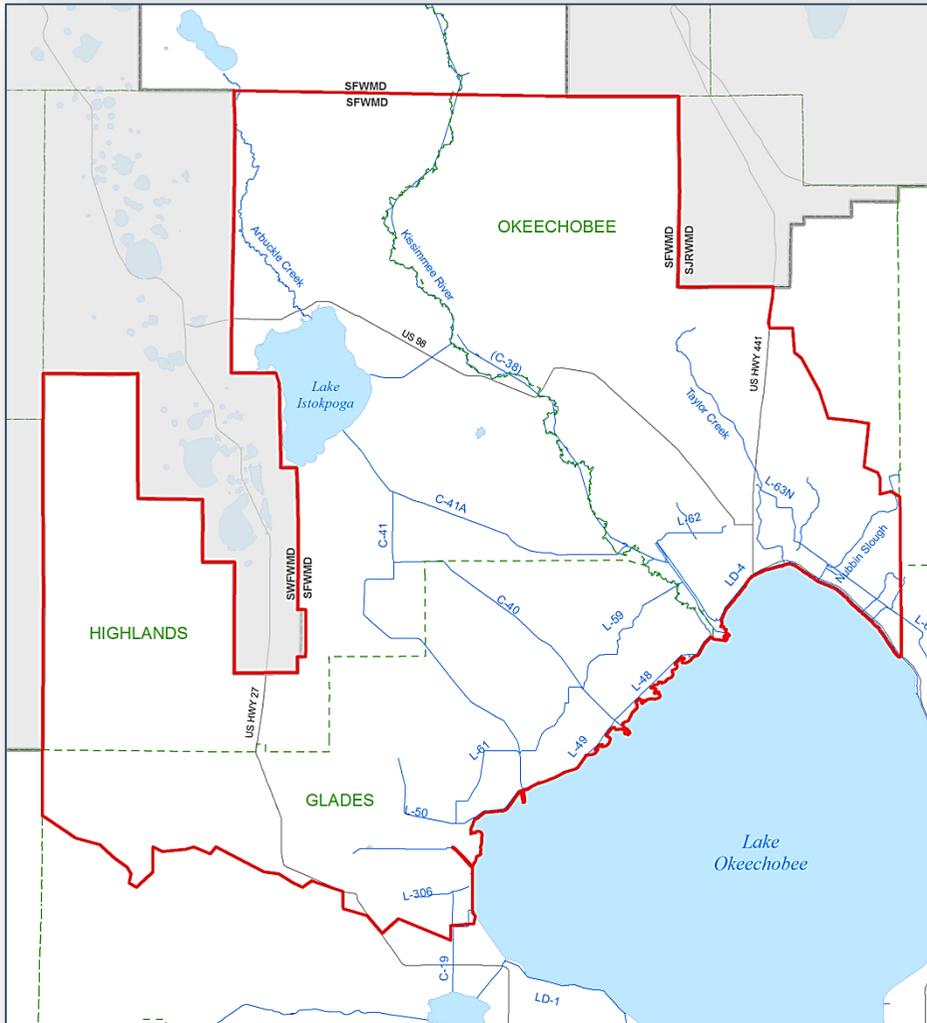
- **Current and Future Look at Water Needs**
- **Strategies and Sources to Meet Future Water Demands and the Needs of the Environment**
- **Based on at Least a 20-year Future Planning Horizon**
- **Updated Every 5 Years**
- **Local Governments Required to Respond with Updates to Water Facilities Element of Comprehensive Plan**

Regional Water Supply Plan Requirements



- **At Least a 20-year Planning Period**
- **Demand Estimates and Projections**
- **Resource Analyses/Issue Identification**
- **Evaluation of Water Source Options, Including Conservation**
- **Water Resource Development**
 - Responsibility of Water Management
- **Water Supply Development**
 - Responsibility of Water Utilities/Users
- **Minimum Flows and Levels (MFLs)**
 - Prevention or Recovery Strategies

Lower Kissimmee Basin (LKB) Planning Area



- The Geographic Area Includes Portions of :
 - *Okeechobee County*
 - *Highlands County*
 - *Glades County*
- Major Agricultural Industry
- Largest Urban Area – City of Okeechobee
- Seminole Tribe of Florida – Brighton Reservation
- 6 Public Water Supply Utilities
- Lake Istokpoga

Water Supply Planning Process

- **Data Collection/Verification**
- **Population and Demand Projections**
- **Issue Identification**
- **Resource Evaluation**
- **Stakeholder Coordination**
- **Plan Development**
- **Plan Approval**



Planning Steps



- **Goals and Objectives**
- **Stakeholder Input to Finalize Demand Projections**
- **Stakeholder Meetings, as Appropriate**
- **Draft Water Supply Plan**
- **Public Workshop to Distribute and Present**
- **WRAC & Governing Board Presentations**
- **Stakeholder Review and Comments**
- **Final Plan to Governing Board for Approval**

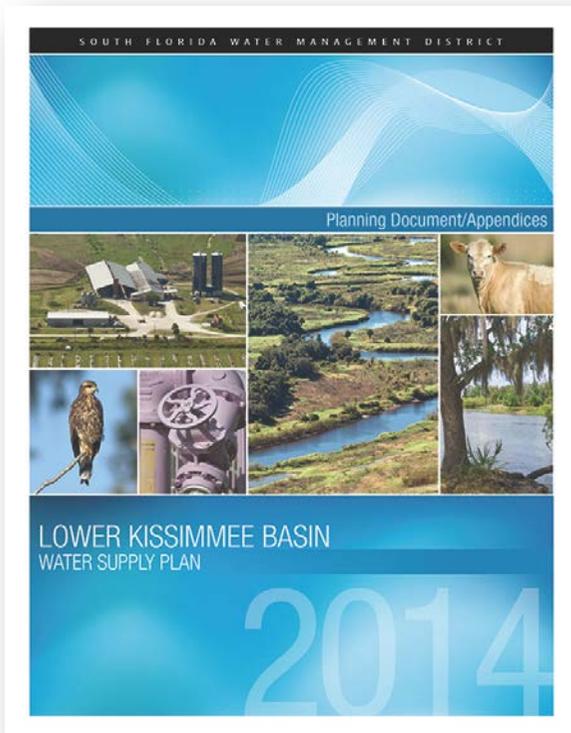
Importance of Public Involvement

- **Active participation to ensure plan reflects needs of planning area**
 - Agricultural Interests
 - Seminole Tribe of Florida
 - Public Water Suppliers
 - Environmental Community
 - County Commission/City Council
 - County/City Planning Staff
 - Other Water Management Districts

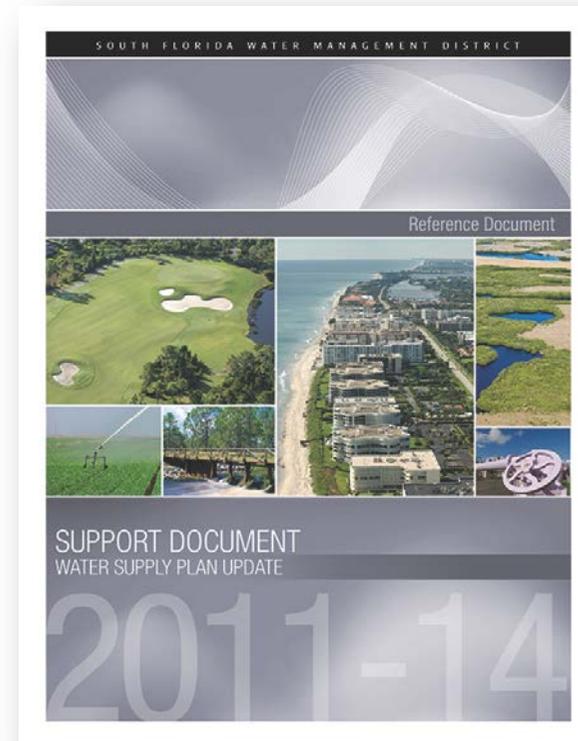


2014 Draft LKB Plan Update Documents

Plan/Appendices

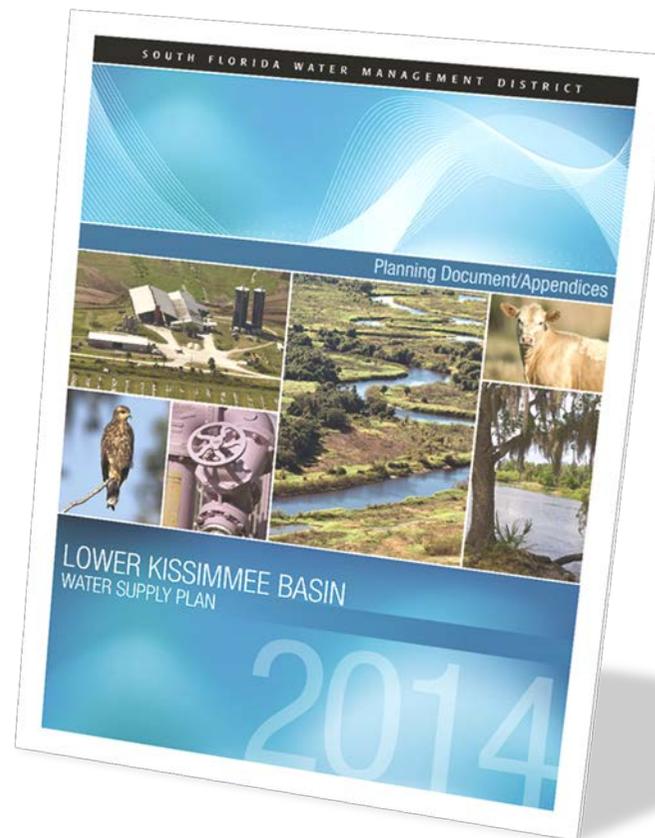


Support

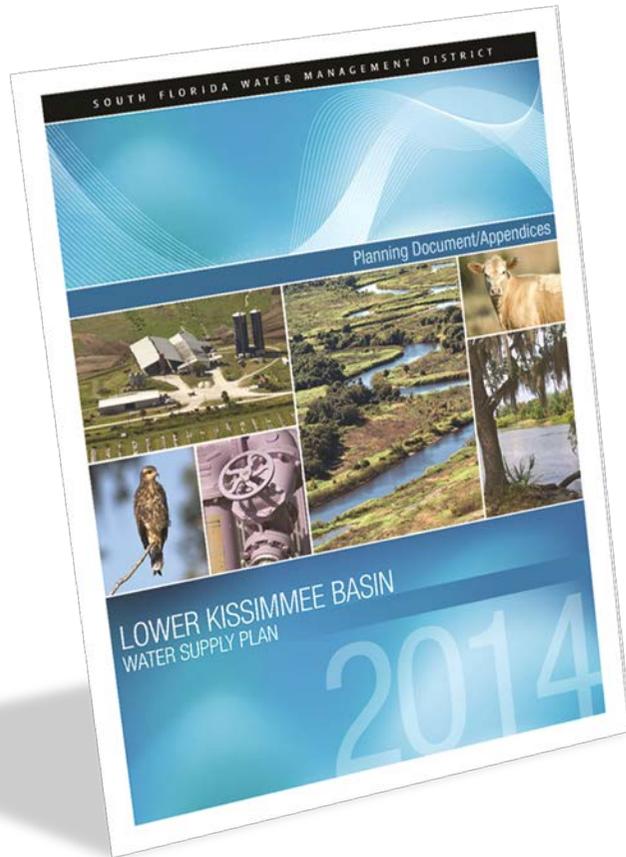


Planning Document Outline

- **Executive Summary**
- **Chapter 1: Introduction**
 - Purpose, Plan Goal and Objectives
 - Overview of Planning Area and Process
 - Water Supply Planning to 2035
- **Chapter 2: Demand Estimates and Projections**
 - Demands by Water Use Category
 - Population and Water Use Trends
 - Demand Projections in Perspective



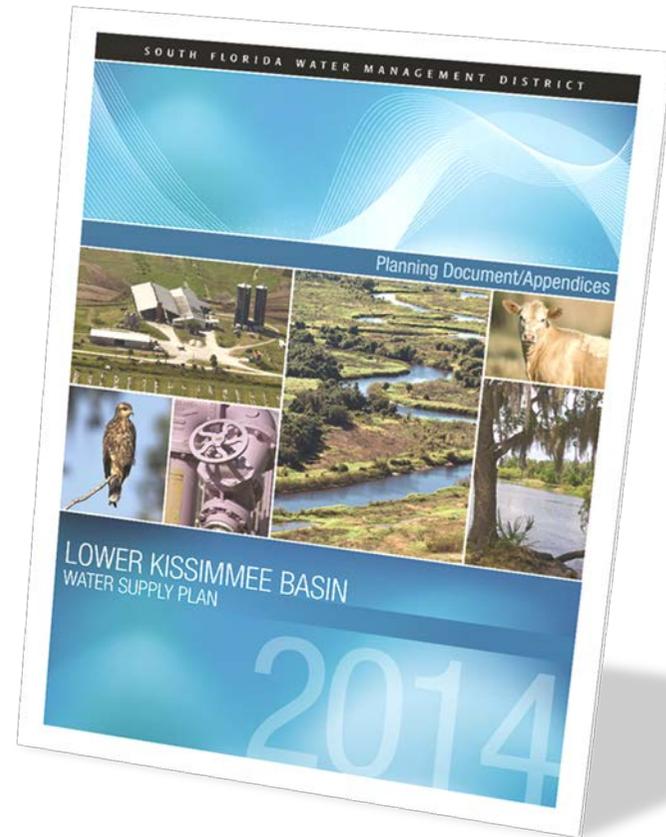
Planning Document Outline (cont.)



- **Chapter 3: Water Resource Analyses – Current and Future Conditions**
 - Resource protection overview, MFLs, restricted allocation areas, overview of water resources, and water resources evaluation and analysis
- **Chapter 4: Water Resource Development Projects**
 - Water resource projects such as monitoring, modeling, dispersed water management, and hydrogeologic studies and analysis
- **Chapter 5: Evaluation of Water Source Options**
 - Surface water, groundwater, reclaimed water, storage, and conservation
- **Chapter 6: Water Supply Development Projects**
 - Utility summaries
- **Chapter 7: Future Direction**

Appendices Outline (tentative)

- **Appendix A**
 - Demands and Projections
 - Methodology
- **Appendix B**
 - Minimum Flows and Levels
- **Appendix C**
 - Potable Water and Wastewater Treatment Utilities
- **Appendix D**
 - Information for Local Government Comprehensive Plans



Support Document

- Reference Document
- SFWMD Background Info
- Planning Area Descriptions
- More Detail:
 - *Conservation*
 - *Water and Wastewater Treatment Technologies*

