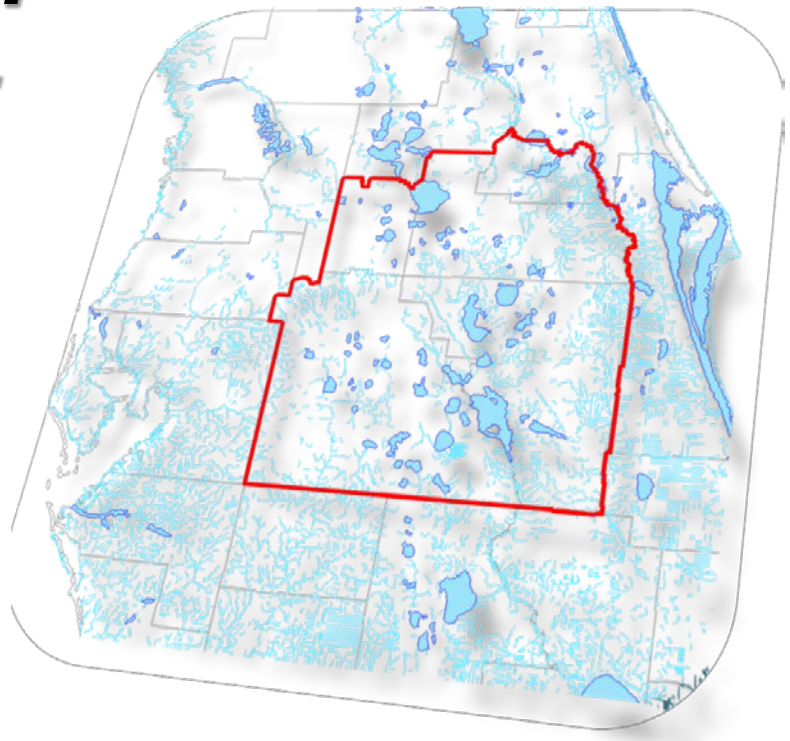
CFWI Draft Regional Water Supply Plan - Update



Lennart J. Lindahl, P.E.
Assistant Executive Director

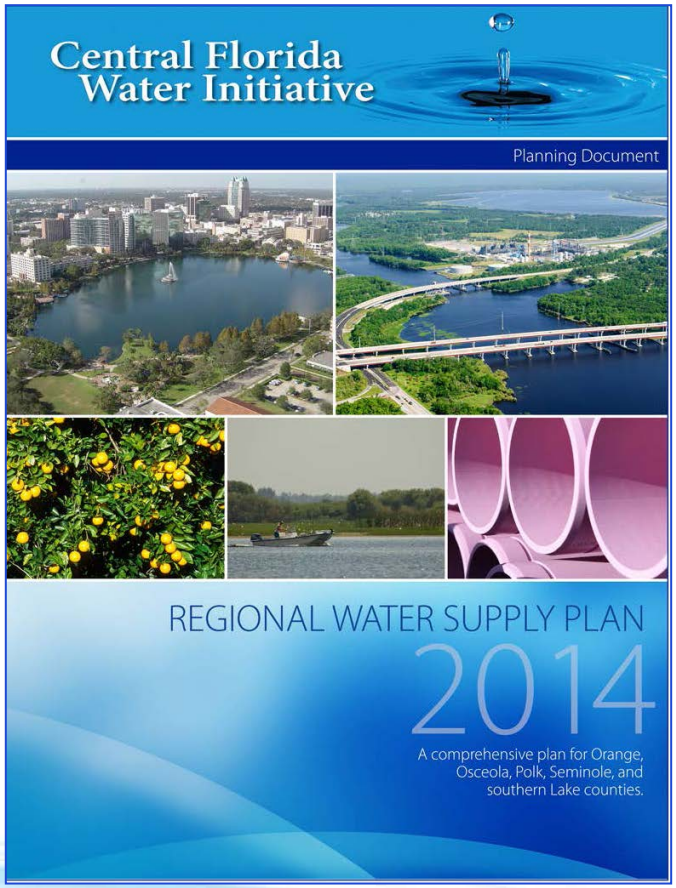
Governing Board Meeting
December 12, 2013

Regional Water Supply Plan Requirements

- 20-year planning period
- 1-in-10 level of certainty
- 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*

One Plan for CFWI Region

- Developing first multi-district regional water supply plan
- Collaborative effort between Districts, FDEP, FDACS, utilities and other stakeholders
- Technical teams provided scientific foundation upon which the Plan has been developed
- Ensuring protection of the water resources and related natural systems



Importance of Public Involvement

- Ensure plan reflects local needs
- Coordination with:
  - FDEP
  - FDACS
  - Utilities
  - Agriculture
  - Industry
  - Local governments
  - Other entities
- Estimated 2,000+ people touched through 90+ presentations to date

CFWI Planning Area

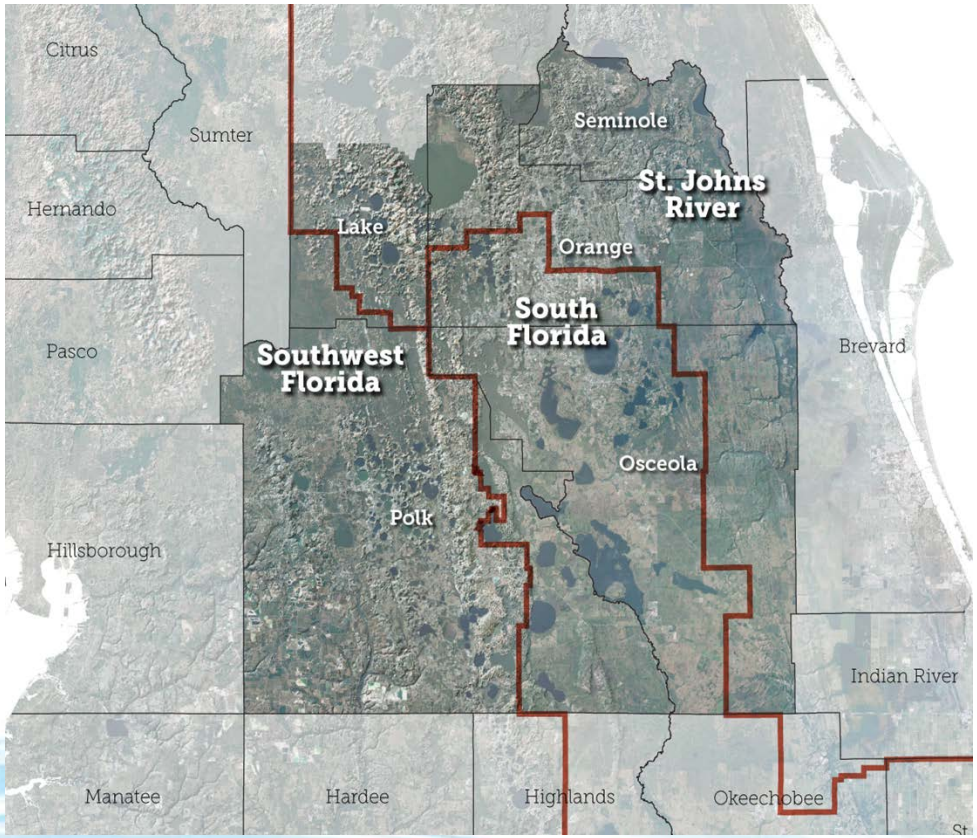
Planning Horizon 2010 – 2035

- **Population:**
  - 2010 2,756,614
  - 2035 4,119,575

  49% increase

- **Gross water demands:**
  - 2010 772 MGD
  - 2035 1,083 MGD

  40% increase



Groundwater Availability Team Findings

Traditional groundwater sources can meet some, but not all projected and permitted needs in the CFWI

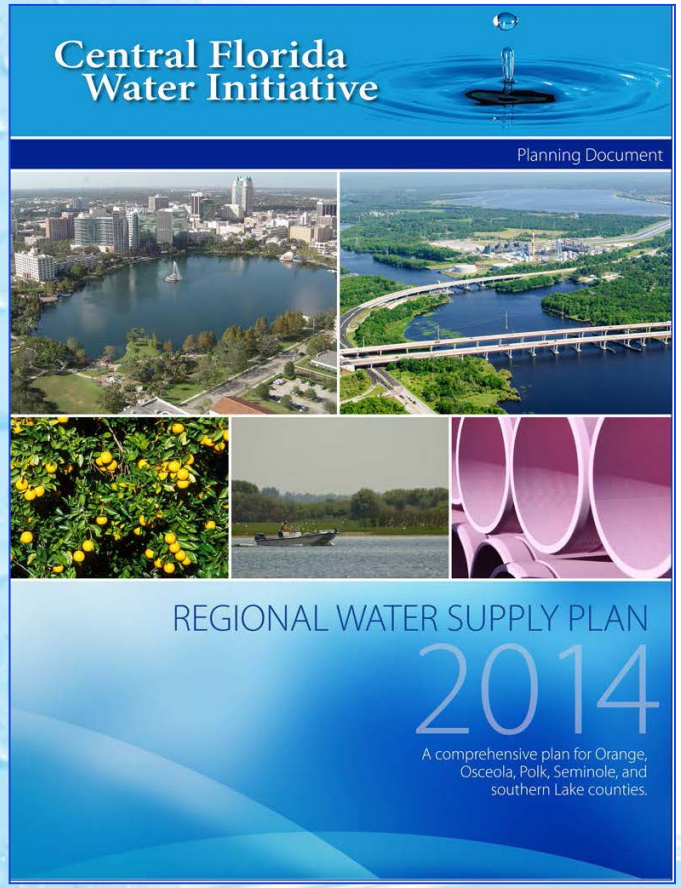
CFWI Planning Level Groundwater Availability Estimates

- 800 mgd
  - Average groundwater use (1995 to 2010)
  - Includes some management activities
- 850 mgd
  - Water Supply Plan recommendation of the volume of traditional groundwater sources available
- 250 mgd
  - Amount of new water supply options needed in the RWSP (difference between 2035 projected demands and sustainable level using existing sources)

Plan Summary

- **139 water supply projects identified**
  - ~ $3B total cost
  - 391 MGD of potential supply
- **Solutions Planning Team**
  - Review & optimize RWSP project options
  - Established technical sub-teams
    - Surface water (dispersed storage and reservoirs)
    - Reclaimed water
    - Conservation and other management strategies
    - Groundwater
    - Recovery/prevention projects
    - Other (storm water, etc.)
- **Regulatory Team**
  - Develop options for consistent regulations, implementing solution strategies, and assisting with resource recovery

Draft Plan Conclusion

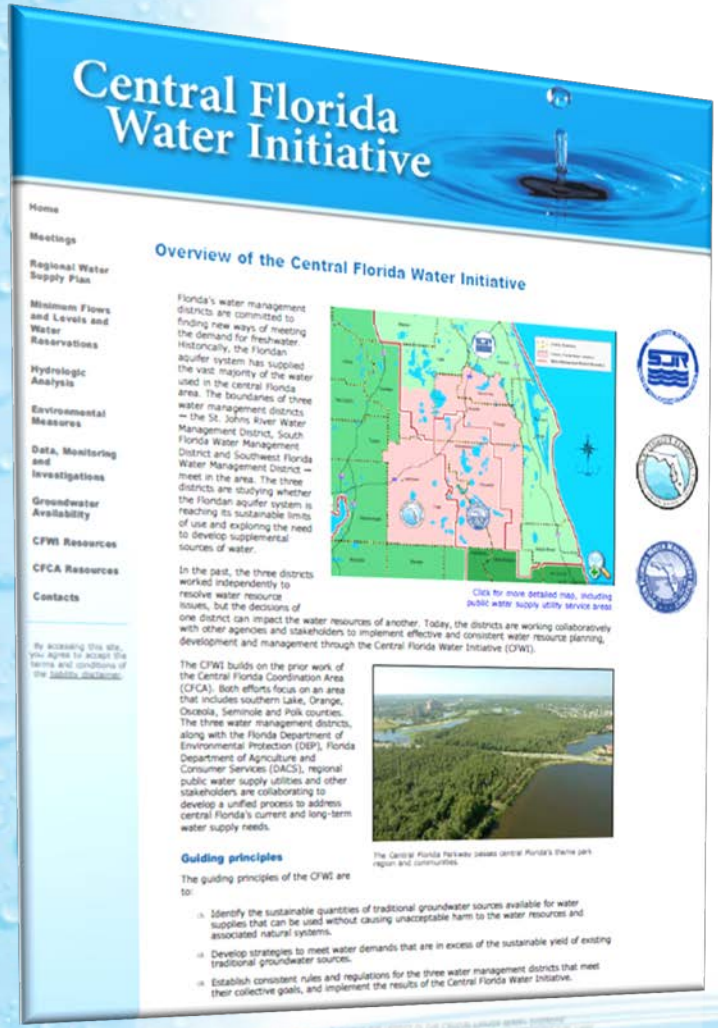


The future water demands of the region can be met through the 2035 planning horizon with appropriate management, conservation and implementation of projects in this Plan

What's Next?

Draft Regional Water Supply Plan:

Nov 26	Draft plan posted for public review
Dec	Draft plan to SFWMD, SWFWMD and SJRWMD governing boards
Dec 12	Public Workshop *(Clermont Community Center, 620 W. Montrose Street, Clermont, FL), 4 – 7 PM*
Jan 2	Draft Plan to SFWMD WRAC
Jan 10	45-day comment period on draft plan ends
Dec-April	Presentations to local governments and others
TBD	Final Plan to SFWMD WRAC and SFWMD, SWFWMD and SJRWMD governing boards



Additional information can be found at

cfwiwater.com

QUESTIONS?