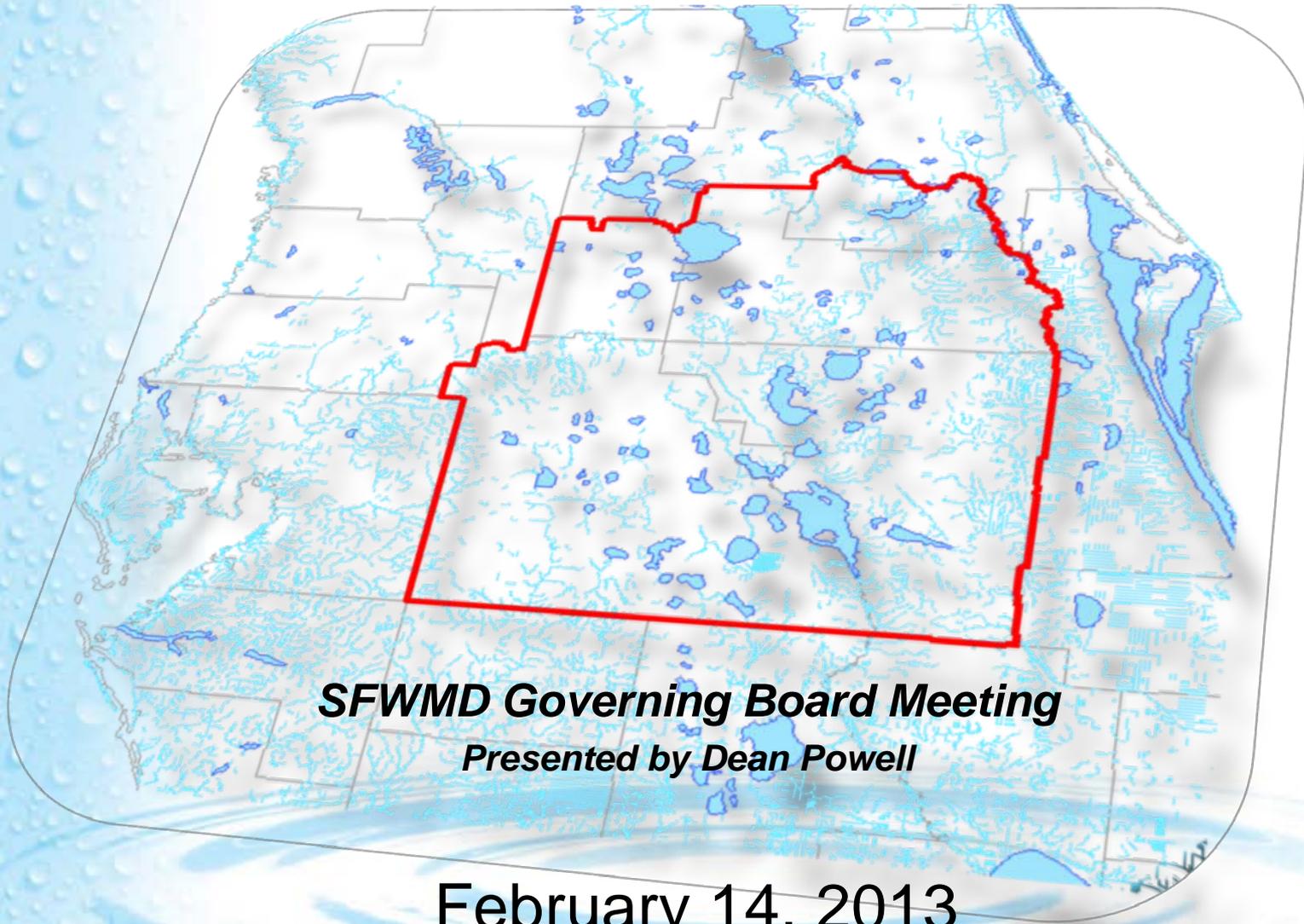


# Central Florida Water Initiative Update

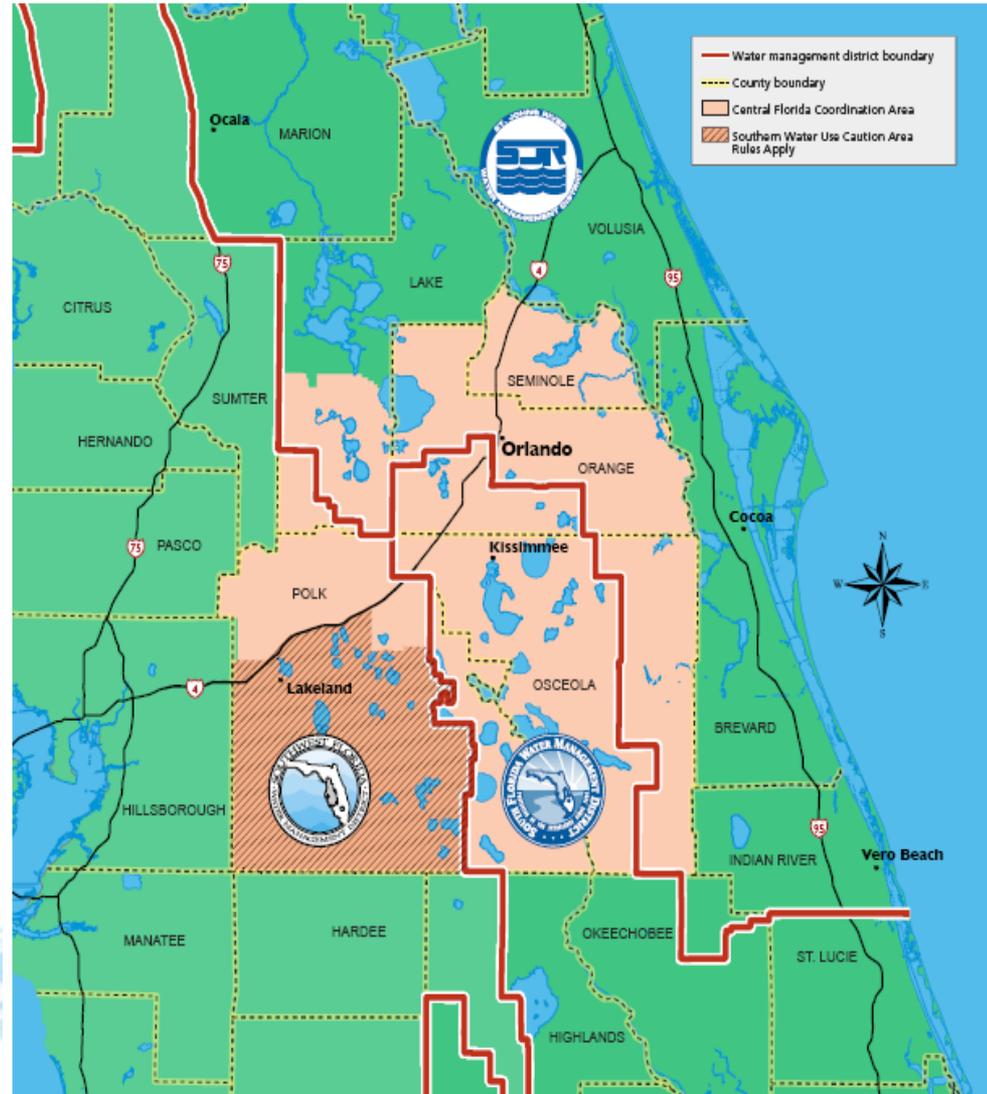


***SFWMD Governing Board Meeting***  
*Presented by Dean Powell*

February 14, 2013

# Central Florida Water Initiative

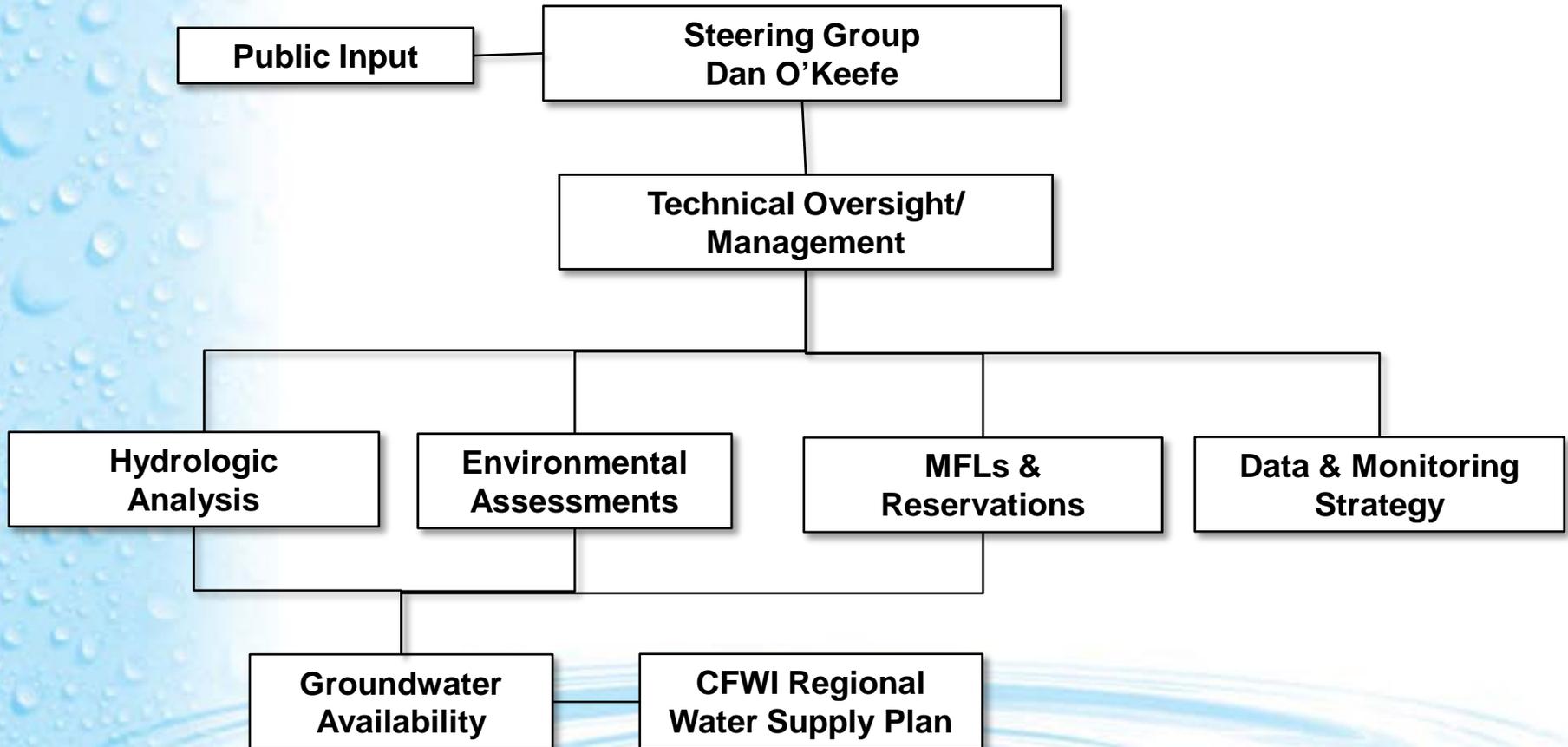
- Encompassed by three water management districts.
- Near term water resource concerns.
- Close coordination on a water supply strategy and alternative source development is needed.



# Background

- 02/06 - SJRWMD proposed issuance of CUP to Orange County
  - Multiple entities challenge – SFWMD intervenes
  
- 9/06 - Central Florida Coordination Area Action Plan – 3 WMDs
  
- 12/06 - STOPR formation (St. Cloud, Toho Water Authority, Orange County, Polk County, Reedy Creek) – permits issued
  
- 12/07 – SFWMD intent to deny St. Cloud and Orange Co. application to withdraw from the Kissimmee upper chain-of-lakes
  - Applicants file administrative challenge with DOAH
  
- 9/08 – Settlement Agreements
  - Applications withdrawn - SFWMD commits \$500,000 toward solution development
  
- 1/12 – CFCA efforts move to Central Florida Water Initiative

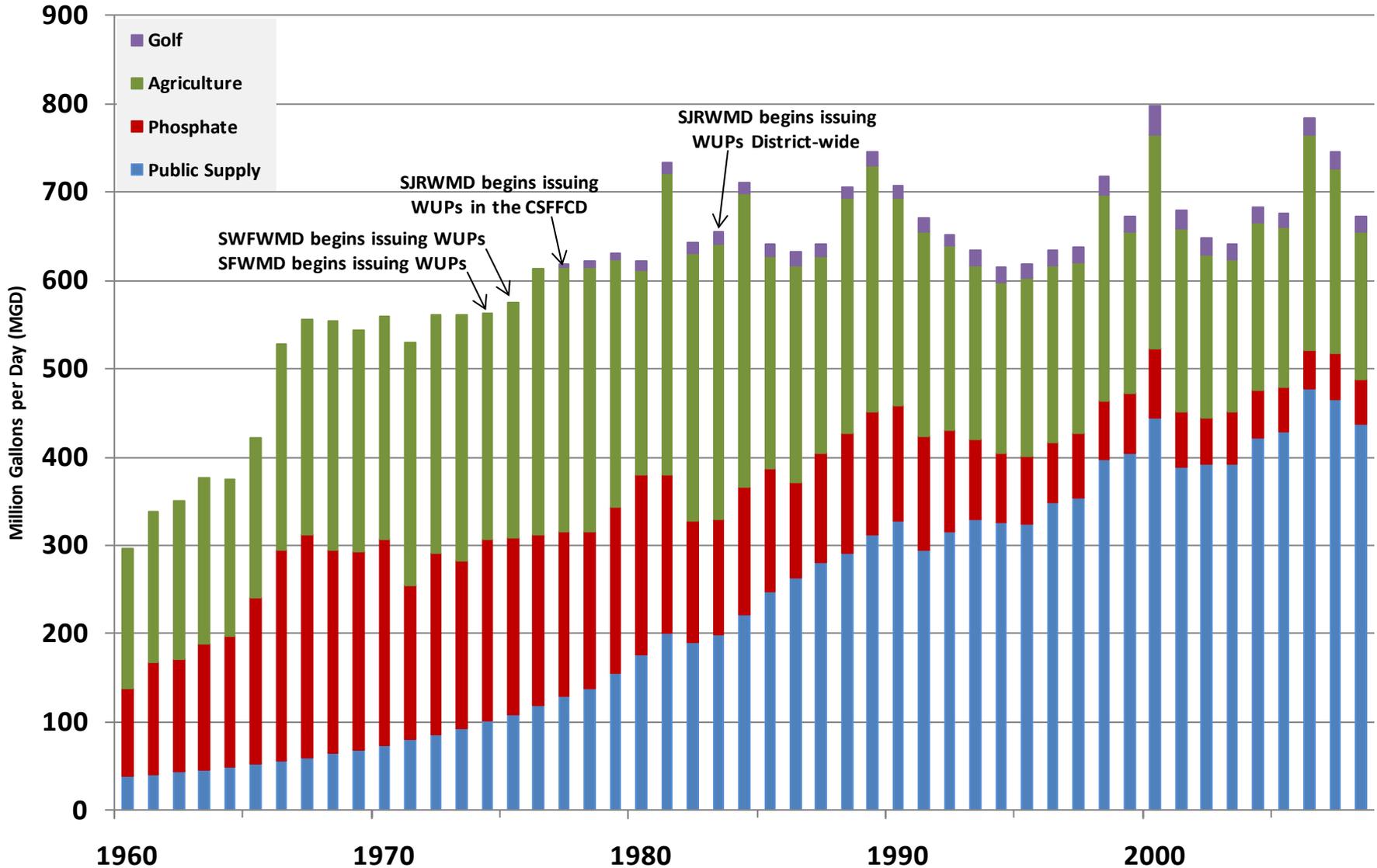
# Multiple interagency/utility teams working to support water supply plan



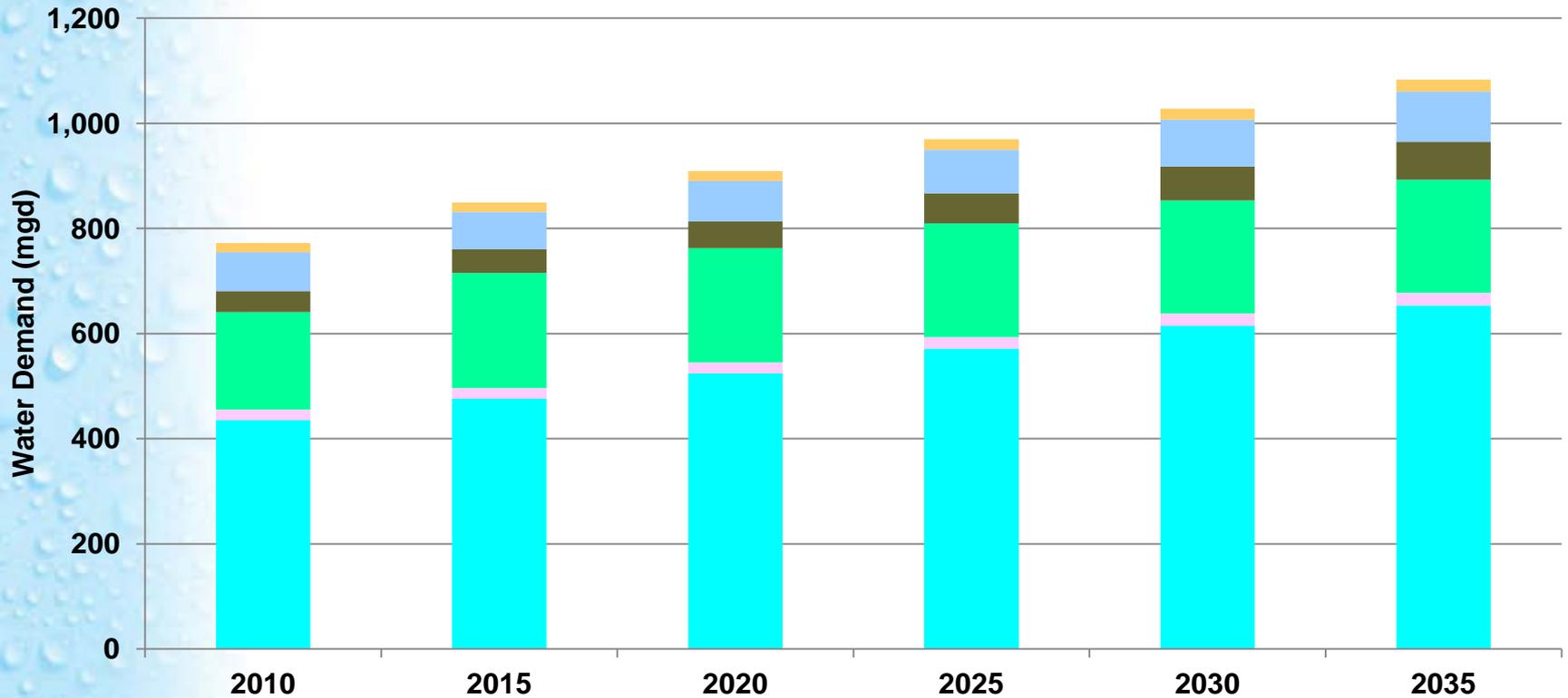
# Central Florida Water Initiative

## Estimated Groundwater Use in Central Florida Area

(Includes area adjacent to the CFWI area)



# Water Demands by Category



Public Supply

Domestic Self-supply and Small Utilities

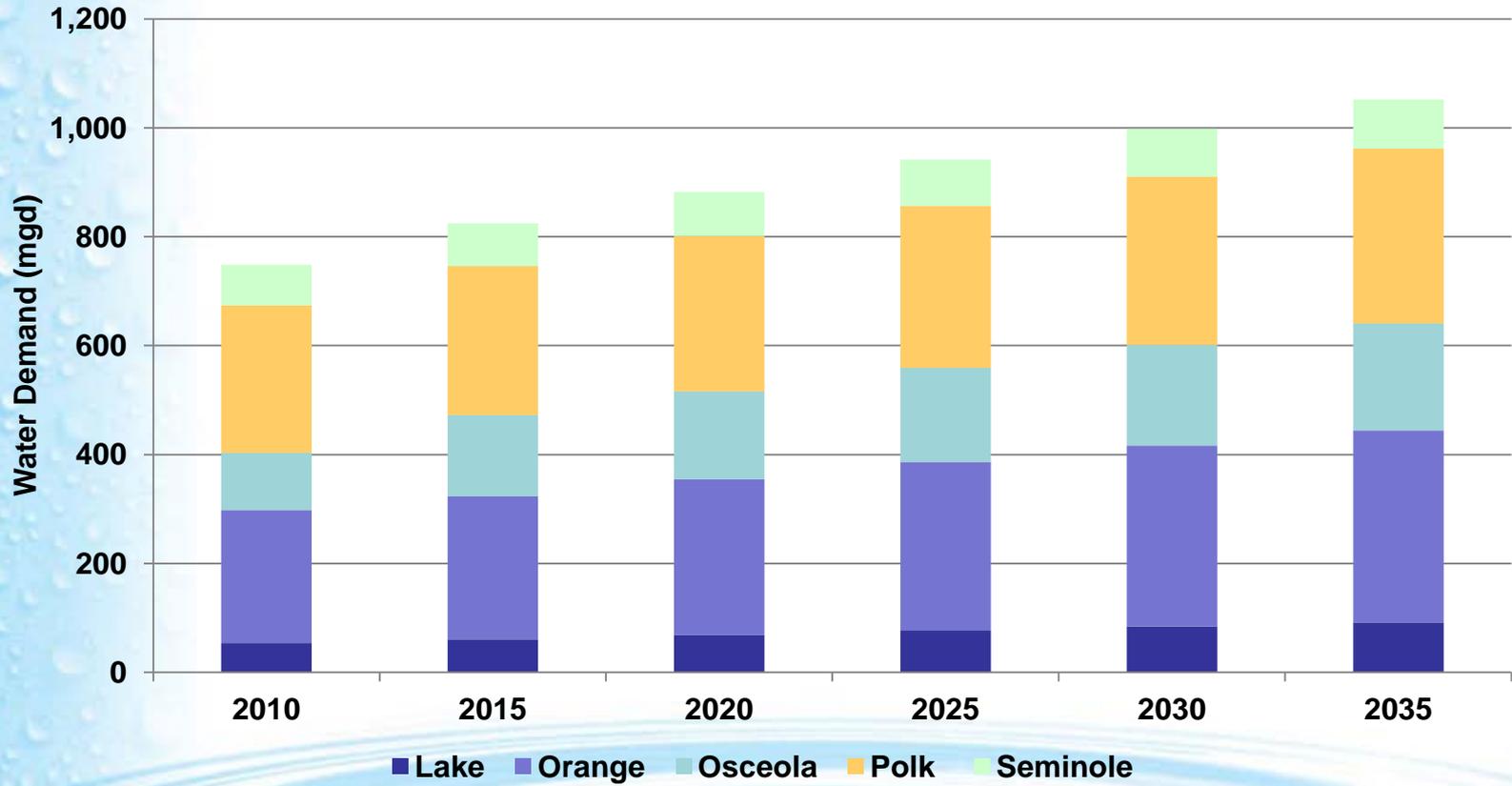
Agriculture

Landscape / Recreational / Aesthetic

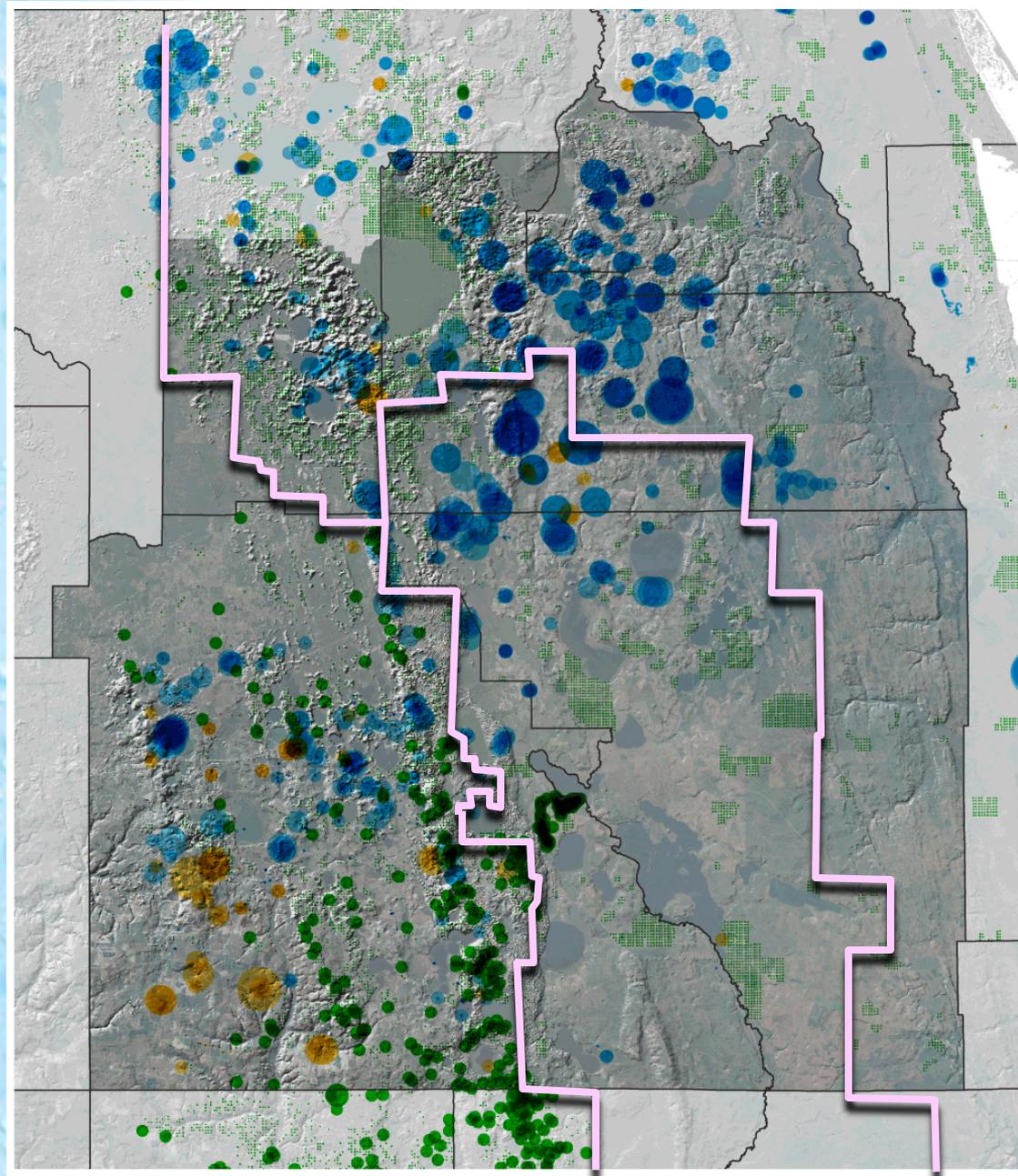
Commercial / Industrial / Institutional and Mining / Dewatering

Power Generation

# Water Demands by County



# Central Florida Water Initiative



## Withdrawal Types 2006 Annual Average

- < 0.1 mgd
- 0.1–0.5 mgd
- 0.5–1 mgd
- 1–3 mgd
- > 3 mgd

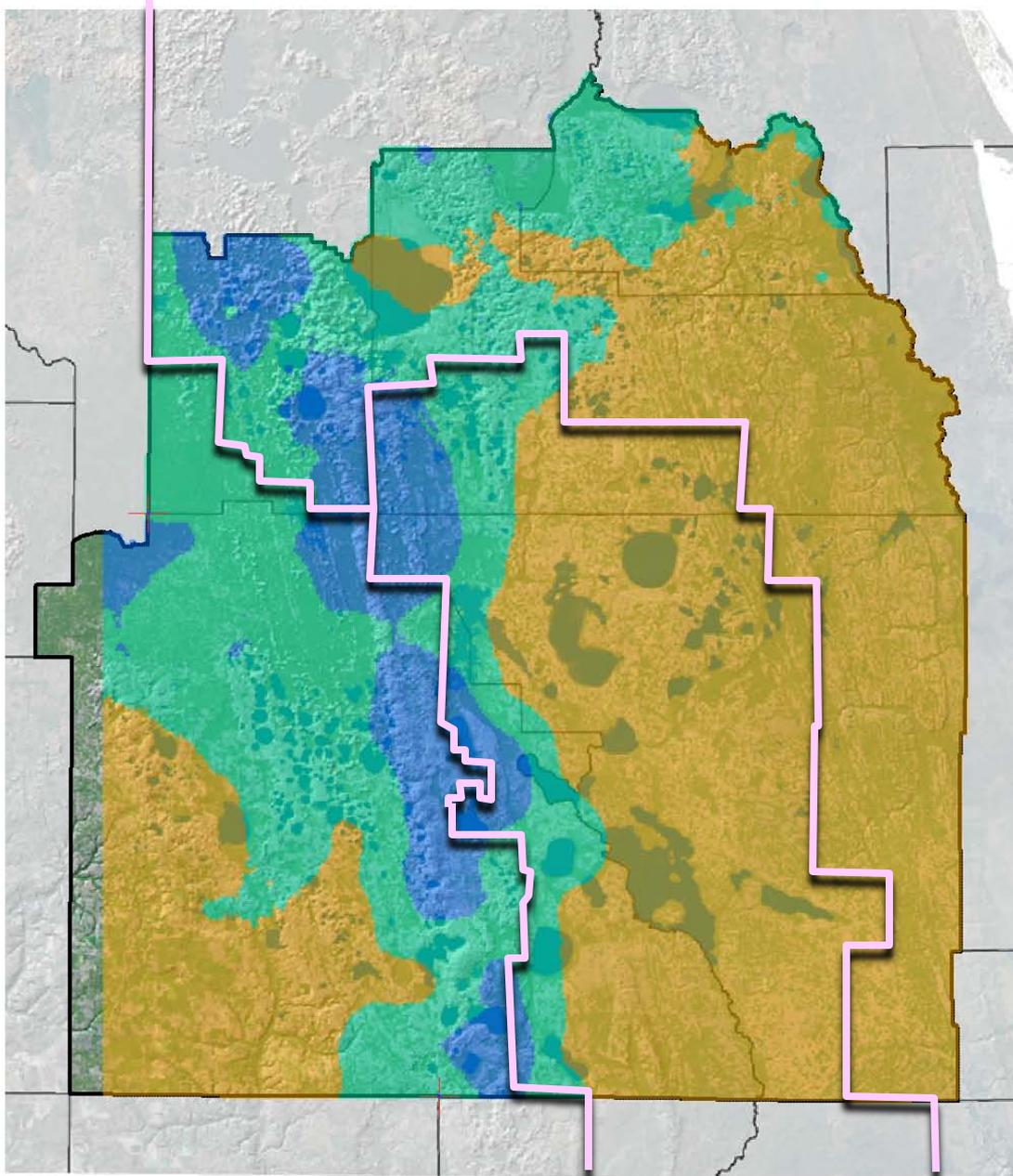
- Public Supply
- Agriculture
- Commercial/Industrial

# Central Florida Water Initiative

## Generalized Map Showing Relative Areas of Susceptibility of Surficial Features to Lowering of Groundwater Levels

(Based on generalized hydraulic properties of the intermediate confining unit)

- Least Susceptible
- Moderately Susceptible
- More Susceptible

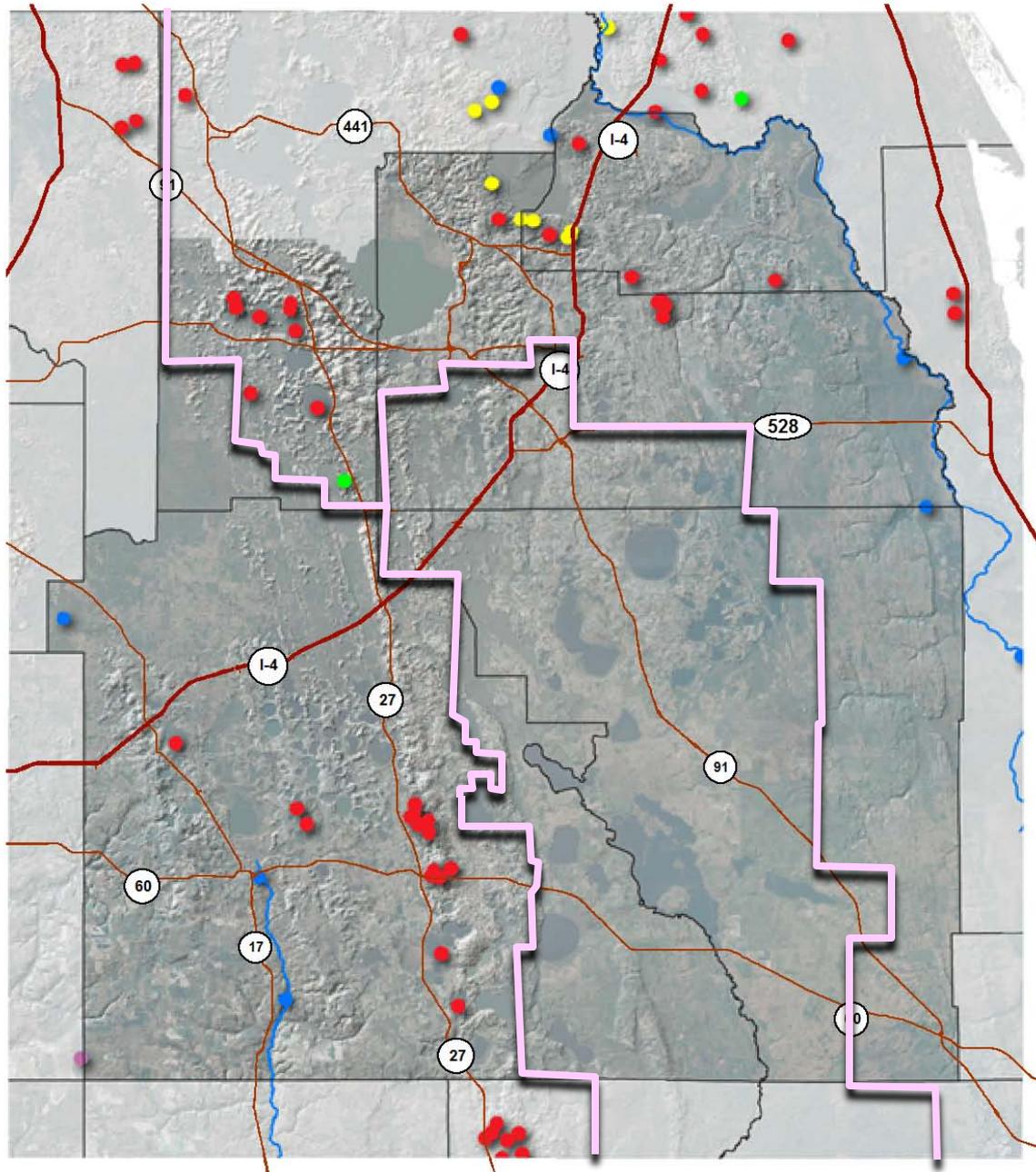


# Central Florida Water Initiative

## Minimum Flows & Levels

*Adopted*

- Lakes
- Rivers
- Springs
- Wetlands
- Aquifers



# •Critical Path Schedule

## Hydrologic Assessment Team

- Preliminary model output (**January**)

## Environmental Measures Team

- Evaluation measures (**February**)

## Minimum Flow and Levels Team

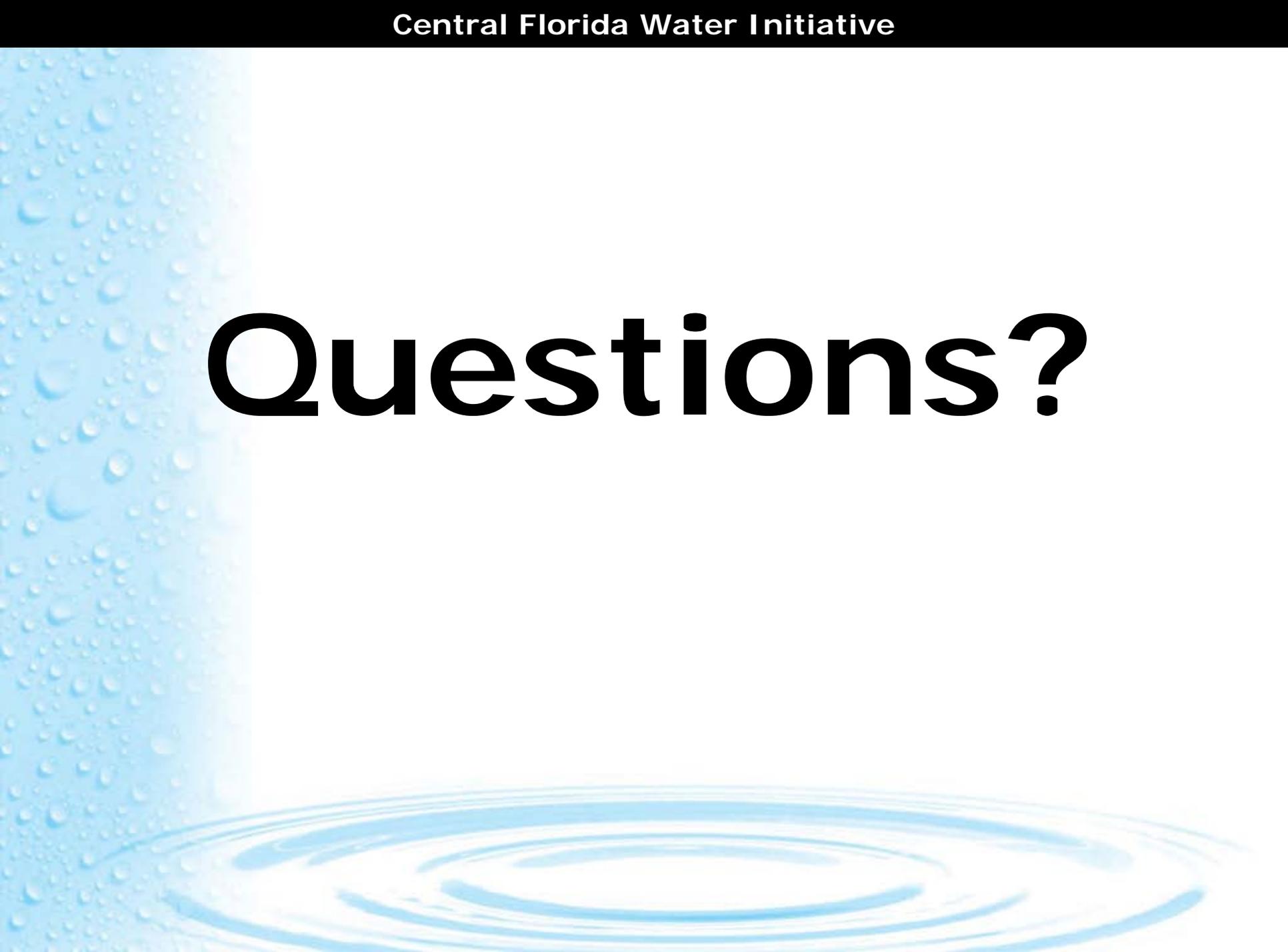
- Evaluation measures (**February**)

## Groundwater Availability Team

- Preliminary groundwater assessment (**March**)
- Groundwater availability results (**May**)

## Regional Water Supply Plan Team

- Draft RWSP (**May 2013**)
- Final Draft RWSP (**September 2013**)

The background features a vertical strip on the left side showing numerous water droplets on a light blue surface, likely a glass. At the bottom of the page, there are several concentric blue ripples on a white surface, suggesting a drop of water has just fallen.

# Questions?