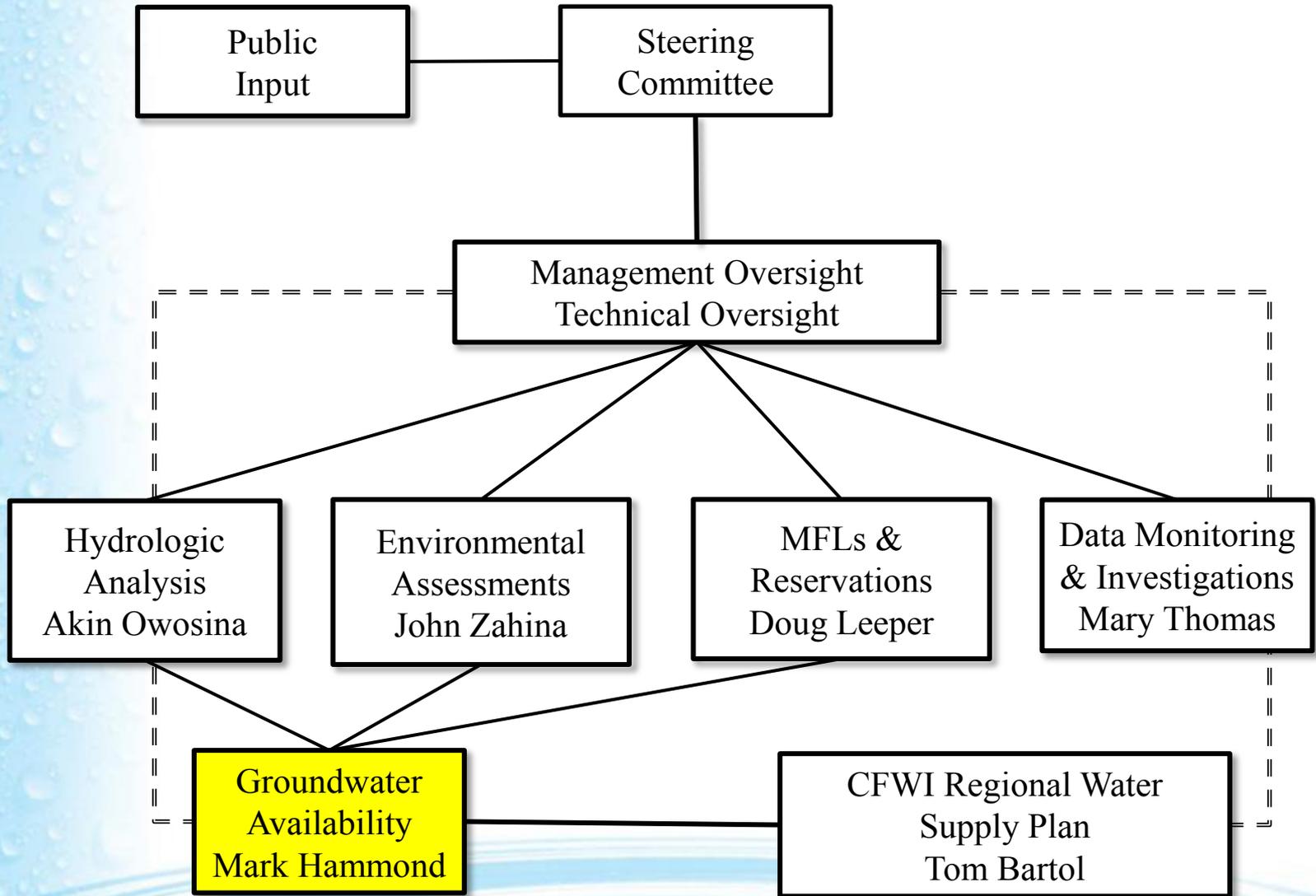


Groundwater Availability Team

***Steering Committee Meeting
February 1, 2013***

www.cfwiwater.com

Central Florida Water Initiative



Groundwater Team Goal

Develop planning level estimates of groundwater availability for consideration by the Steering Committee in addressing CFWI Guiding Principal #1.

Guiding Principle #1

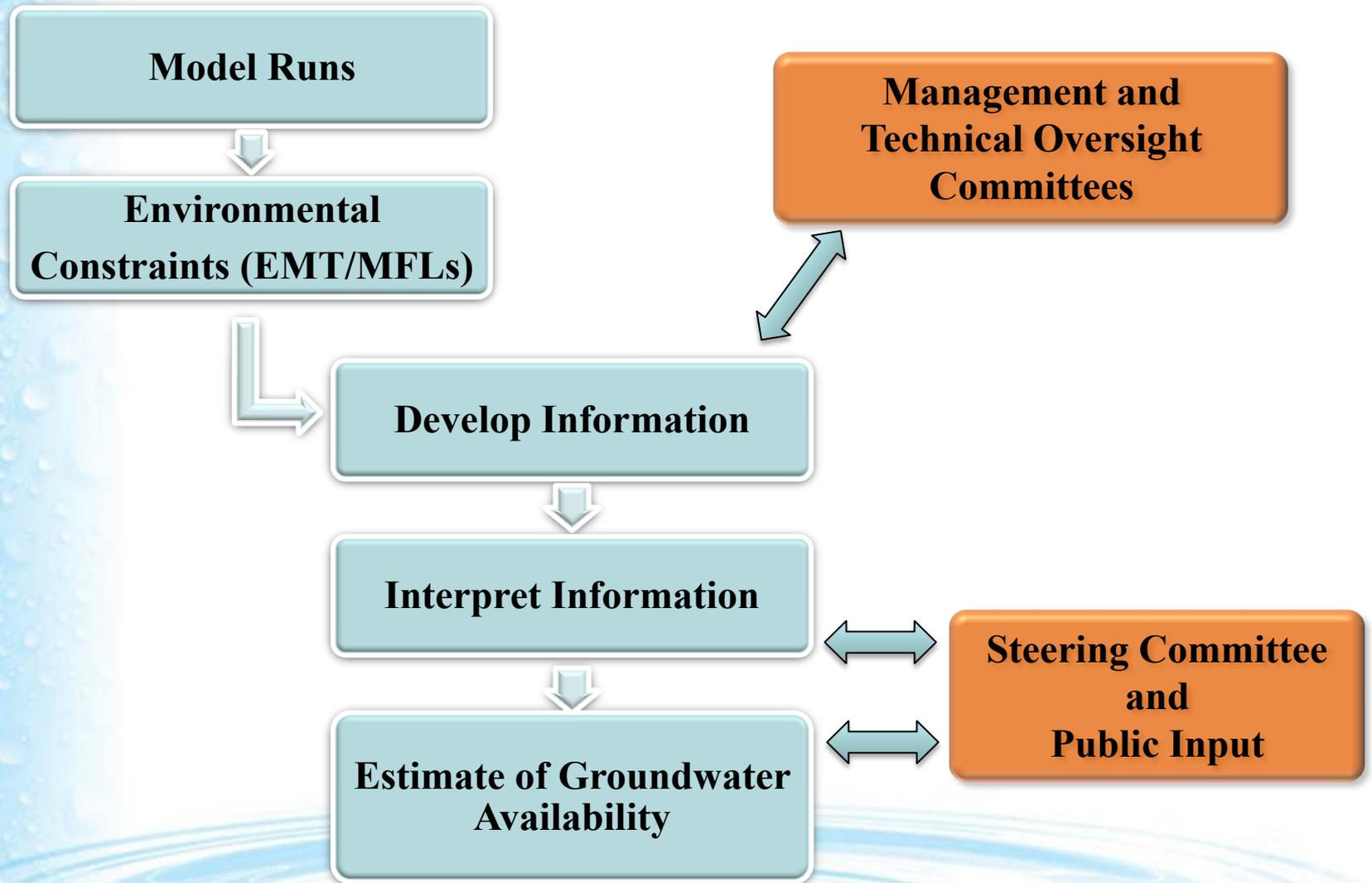
Identify the sustainable quantities of traditional groundwater sources available for water supply that can be used without causing unacceptable harm to the water resources and associated natural systems.



GAT Objectives

- 1) Develop flowcharts describing the process to achieve the Team Goal
- 2) Review and understand the products and deliverables from the HAT, MFLT and EMT
- 3) Review and understand the water resource conditions within the CFWI area;
- 4) Provide the Steering Committee with planning level estimates of groundwater availability within the CFWI area under current and future conditions.

GAT Process Flow Chart



Steering Committee Scheduling Guidance



Critical Path

HAT

- Preliminary HAT model output (**January**)
 - Regional planning level detail

EMT

- Evaluation measures (**February**)

MFL&RT

- Evaluation measures (**February**)

GAT (Coordination with MOC/SC)

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

RWSP

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

CFWI Schedule March

		GAT Meetings	MOC Meetings	Steering Committee Meetings
Management Oversight Committee			March 4	
GAT Activities	March 11, 14, & 15			
Management Oversight Committee			March 18	
GAT Activities	March 27 & 28			
Steering Committee Meeting				March 29
GAT Preliminary Groundwater Availability Assessment March 31				

Steering Committee

March 29

- Objectives
 - Confirm Groundwater Assessment Process
 - Preliminary Assessment of Current Conditions
 - Policy-level Discussions
 - Public Input

CFWI Schedule April

		GAT Meetings	MOC Meetings	Steering Committee Meetings
Management Oversight Committee			April 1	
GAT Activities		April 10, 11, & 12		
Management Oversight Committee Joint meeting with GAT – report preliminary findings			April 15	
GAT Activities		April 24 & 25		
Steering Committee Meeting				April 26
GAT Report Preliminary Findings of Groundwater Availability April 26				

Steering Committee

April 26

■ Objectives

- Preliminary Findings for Groundwater Availability
 - Current Conditions
 - Future Conditions
 - EOP & 2035
 - Options
- Policy-level Discussions
- Public Input

CFWI Schedule

May

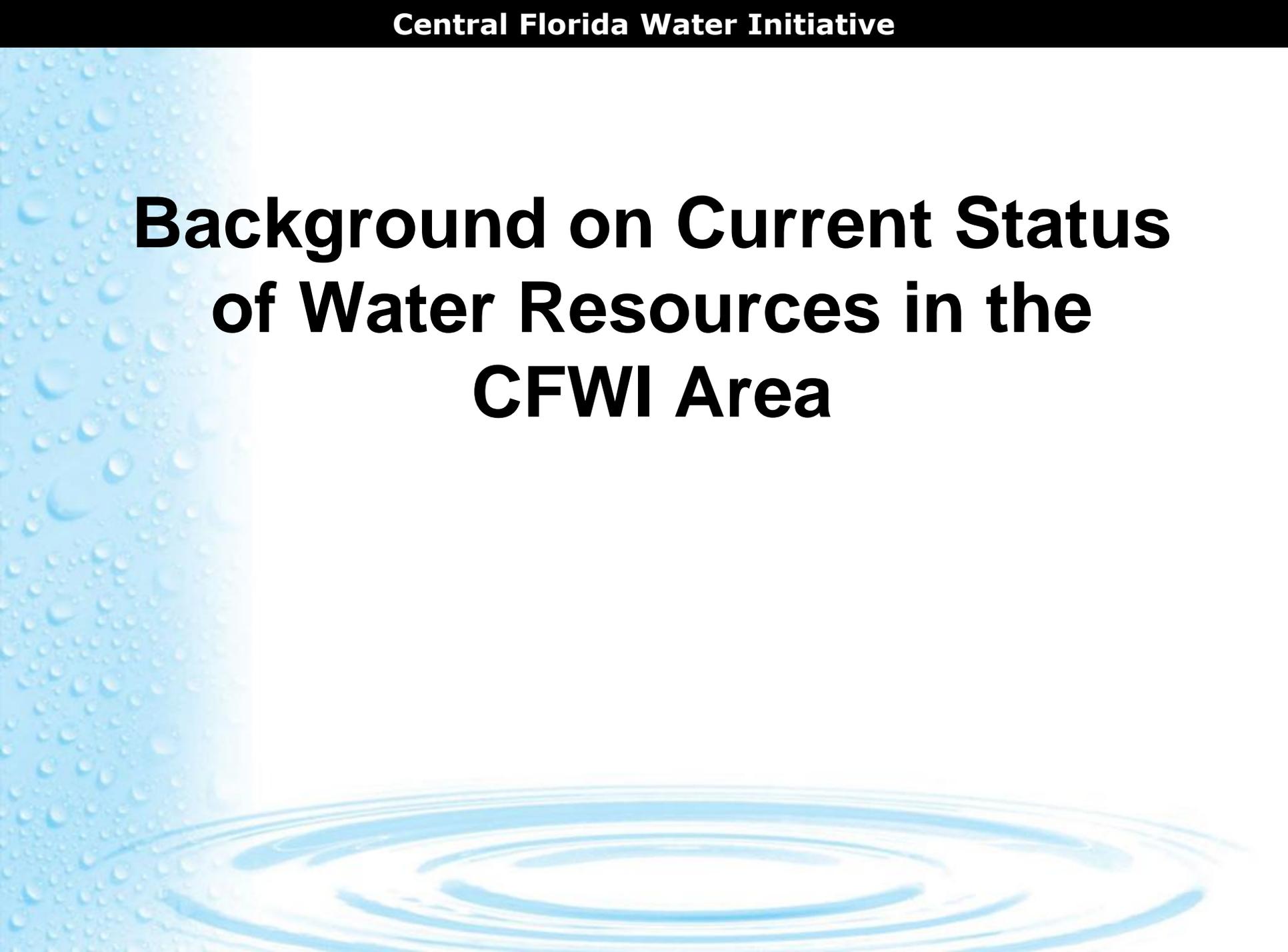
		GAT Meetings	MOC Meetings	Steering Committee Meetings
Management Oversight Committee			April 29	
GAT Activities		May 6, 9, & 10		
Management Oversight Committee			May 13	
GAT Activities		May 23 & 24		
Steering Committee Meeting				May 31
GAT Groundwater Availability Results May 31				

Steering Committee

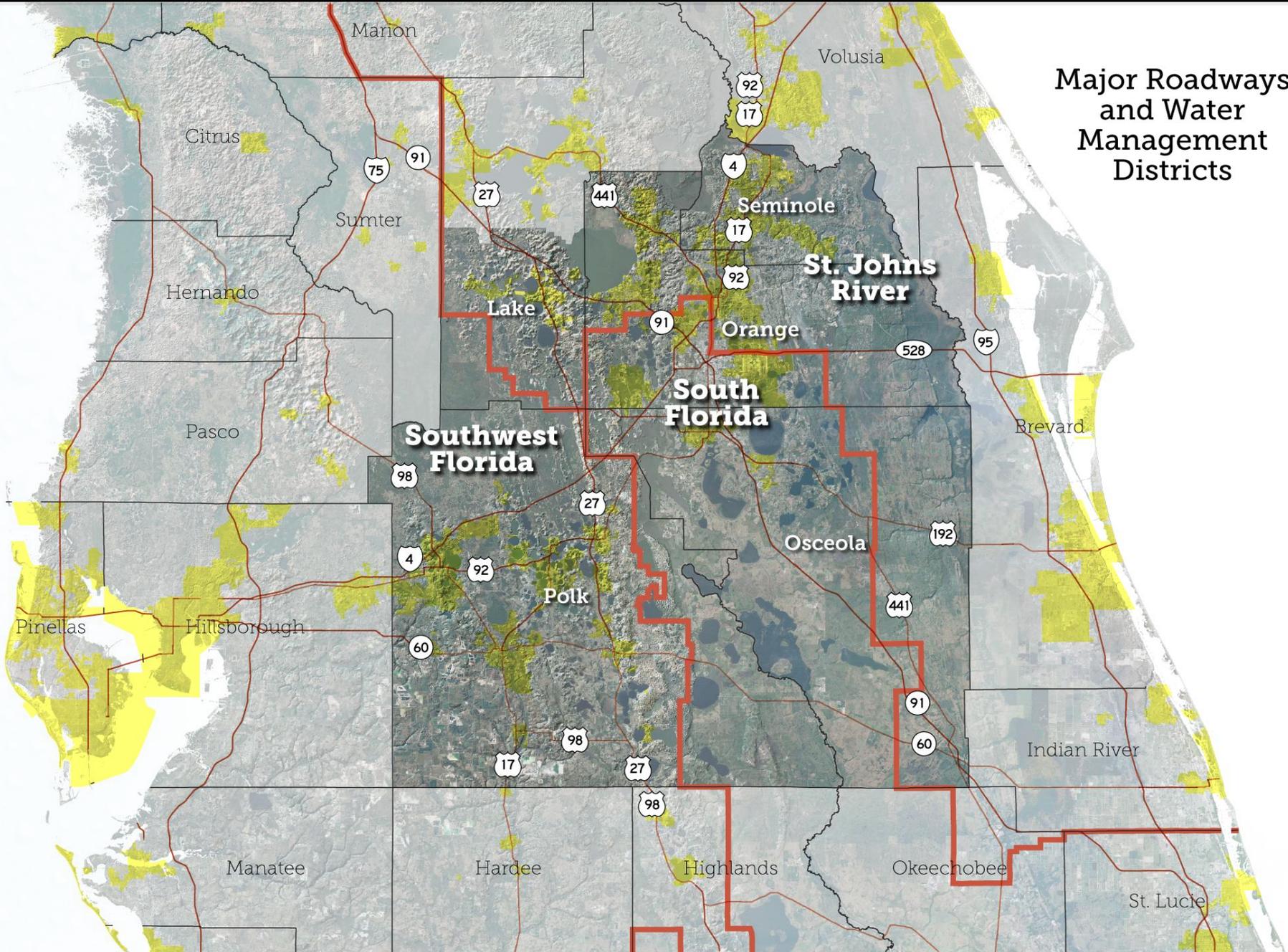
May 31

- Objectives
 - Groundwater Availability Results
 - Policy-level Discussions
 - Public Input

Background on Current Status of Water Resources in the CFWI Area



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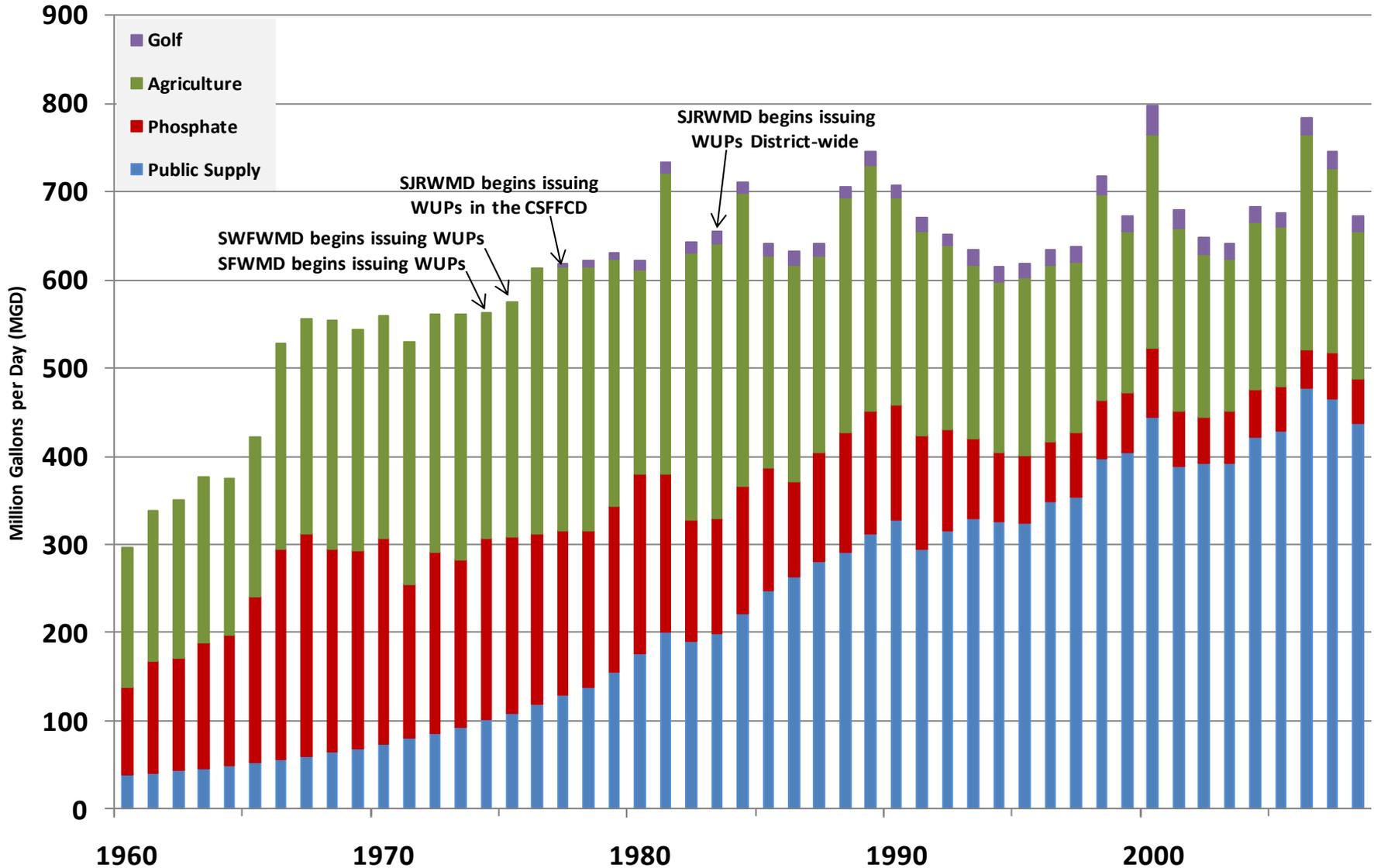


Major Roadways
and Water
Management
Districts

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Estimated Groundwater Use in Central Florida Area

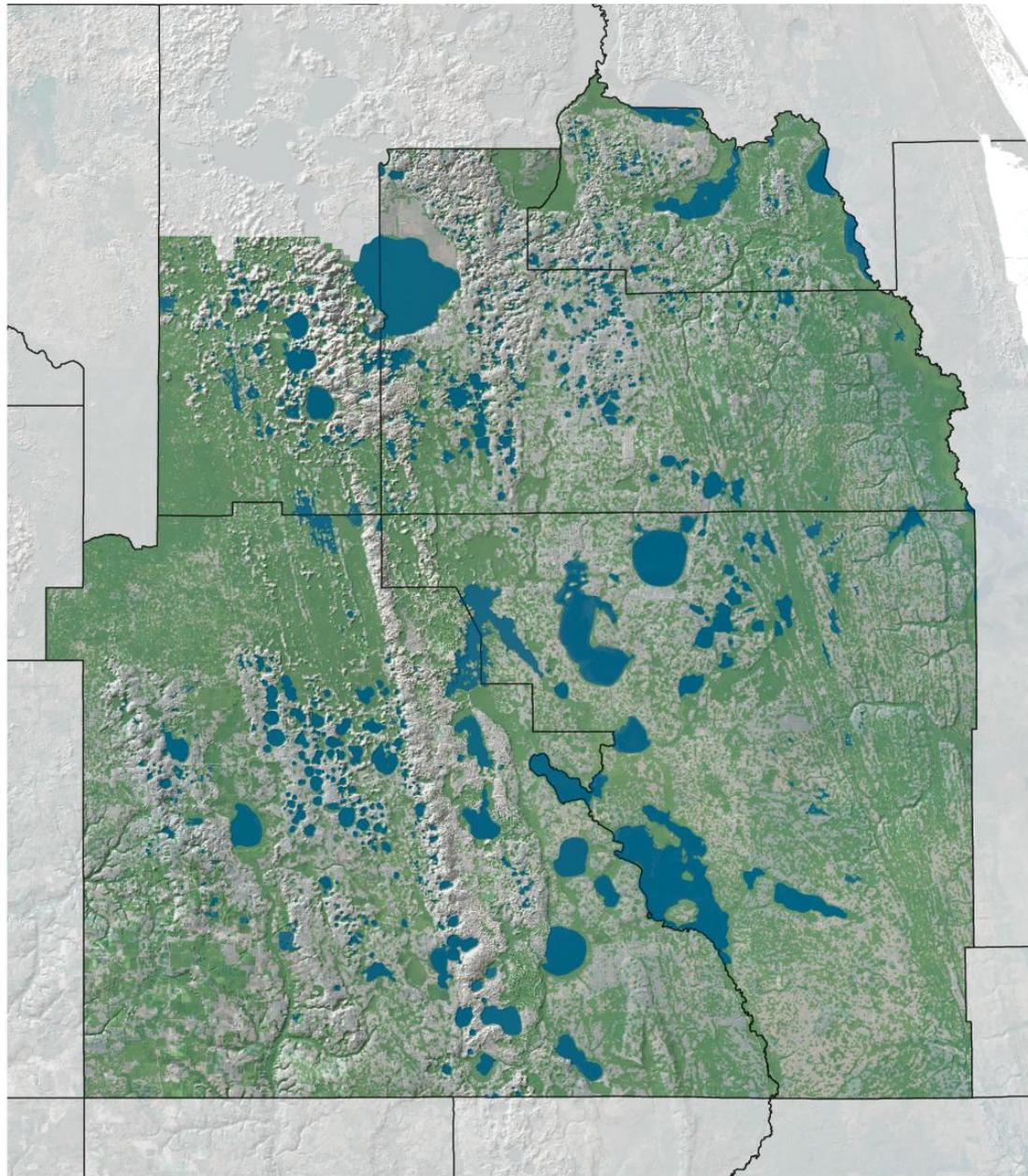
(Includes area adjacent to the CFWI area)



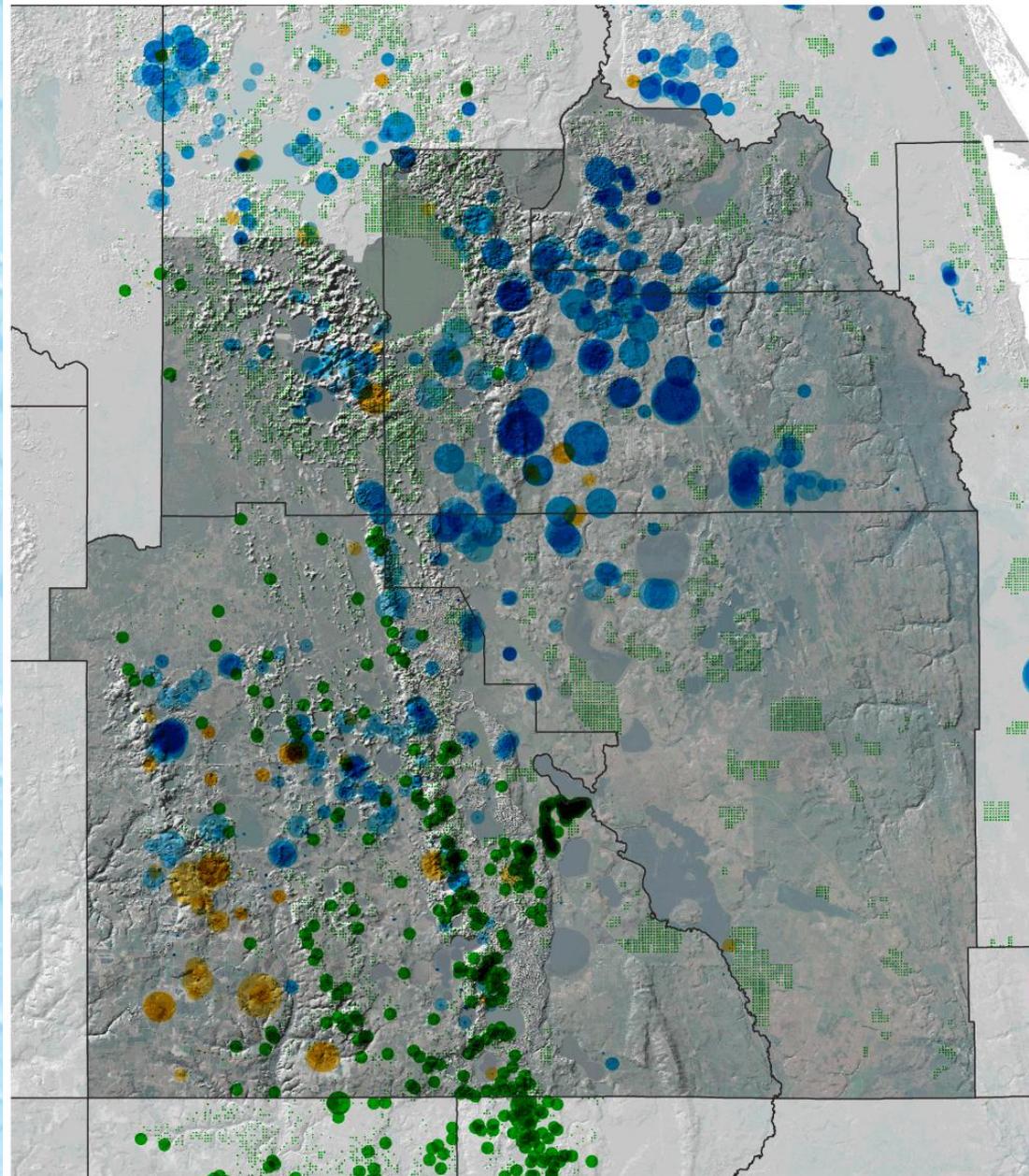
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Lakes and Wetlands

-  lakes
-  wetlands



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Withdrawal Types

2006 Annual Average

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

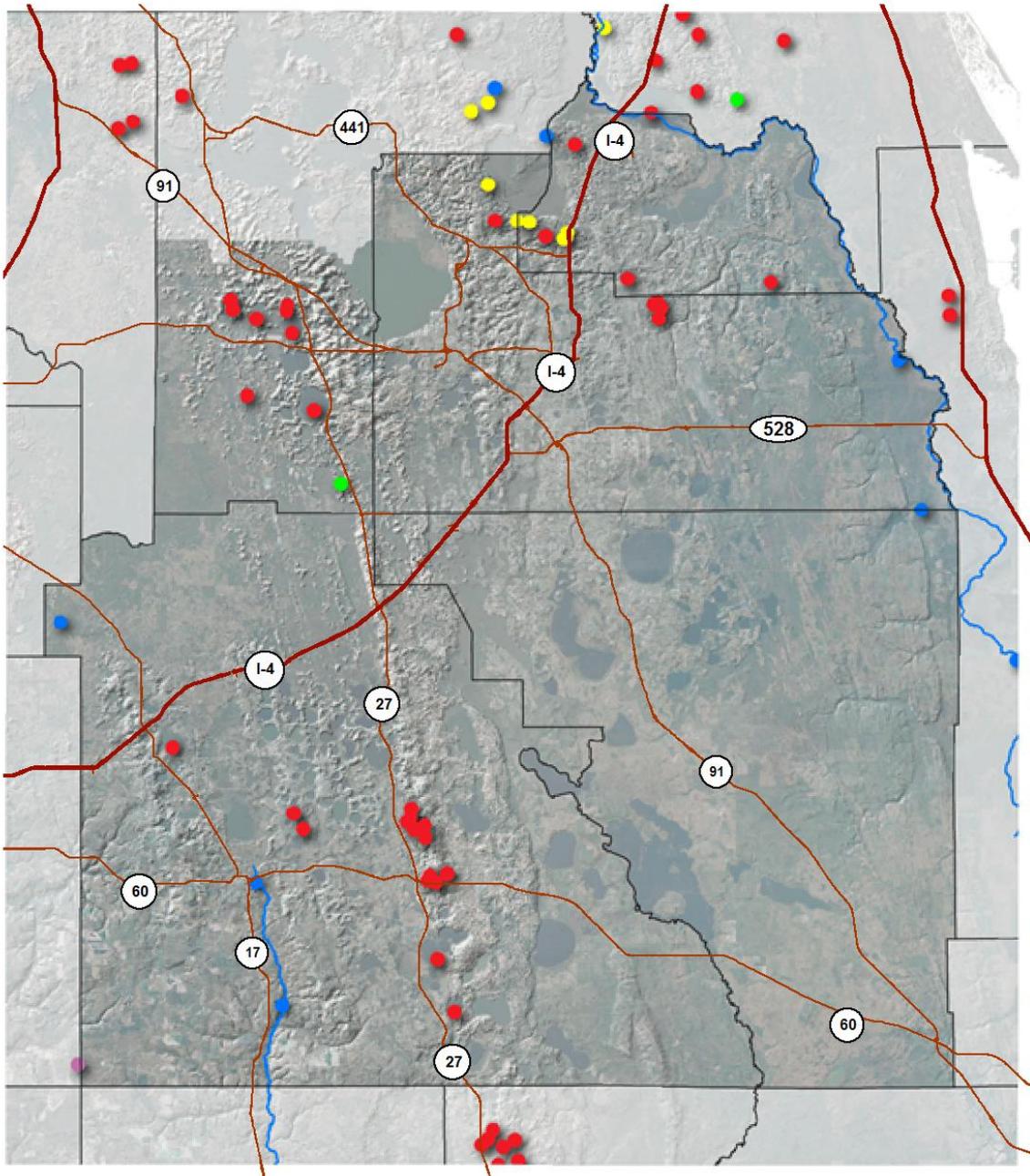
- Public Supply
- Agriculture
- Commercial/Industrial

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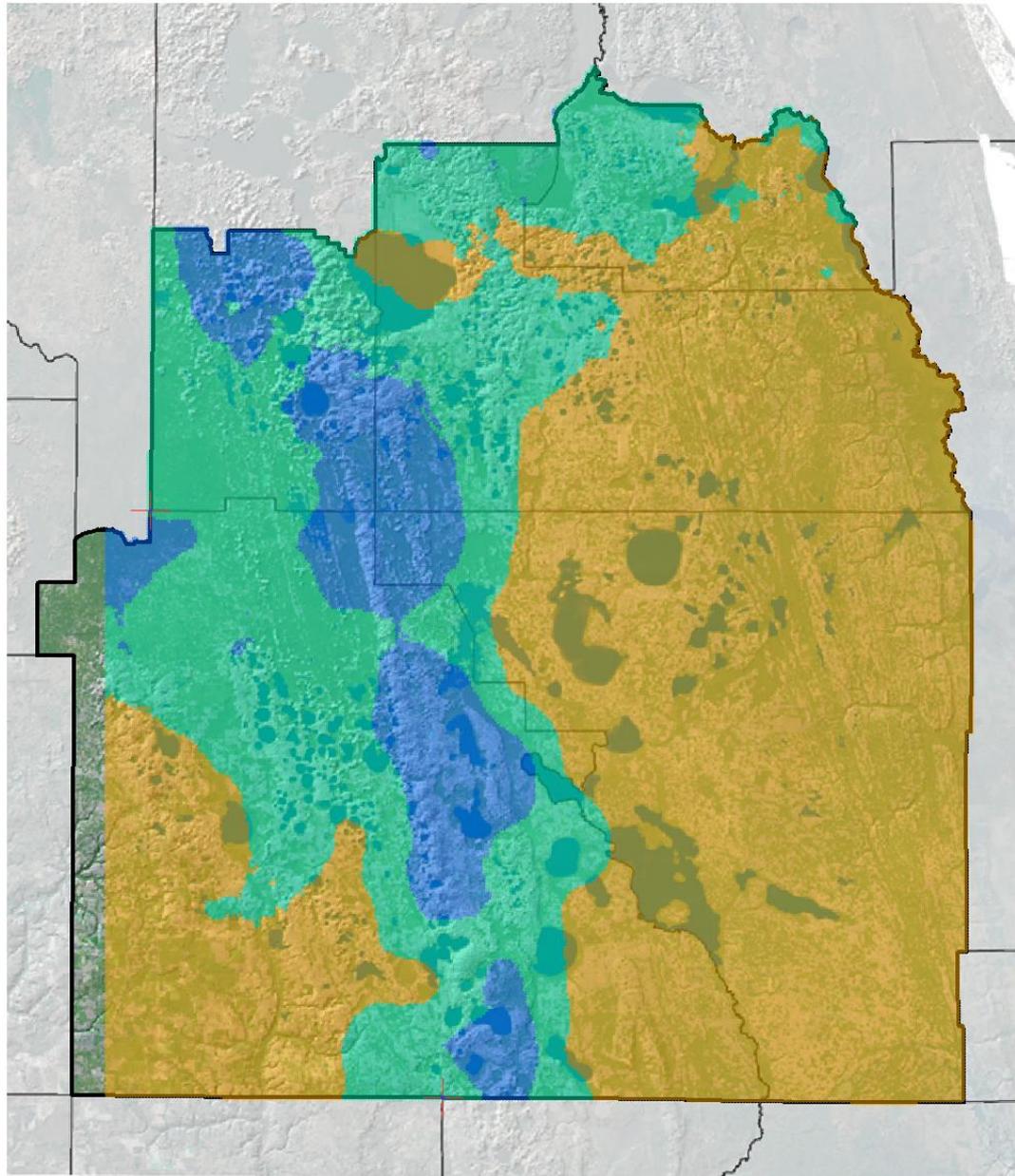
Minimum Flows & Levels

Adopted

- Lakes
- Rivers
- Springs
- Wetlands
- Aquifers



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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

Questions?

