

Draft District Water Supply Plan

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Presentation Outline

- **What is the District Water Supply Plan?**
- **Future water demands**
- **Water supply options**
- **Regional water supply planning**
- **Importance of local involvement**
- **Opportunities for public participation**

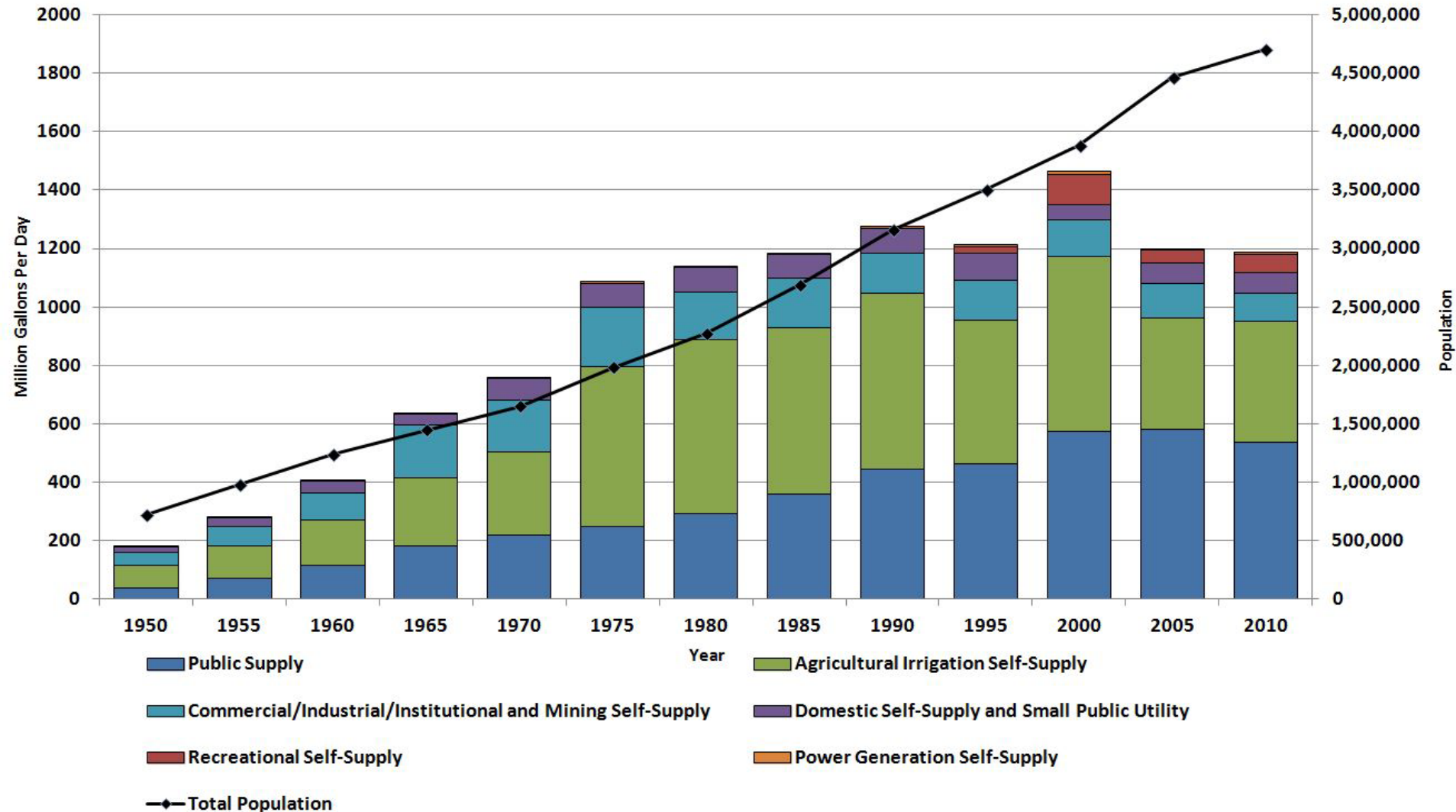
District Water Supply Plan

- Plan to meet water supply needs through 2035
- Evaluation of water resources
 - Sustainable withdrawal levels
- How to meet projected water demands
 - Potential sources
 - Water supply project options
- Funding mechanisms
- Update every 5 years

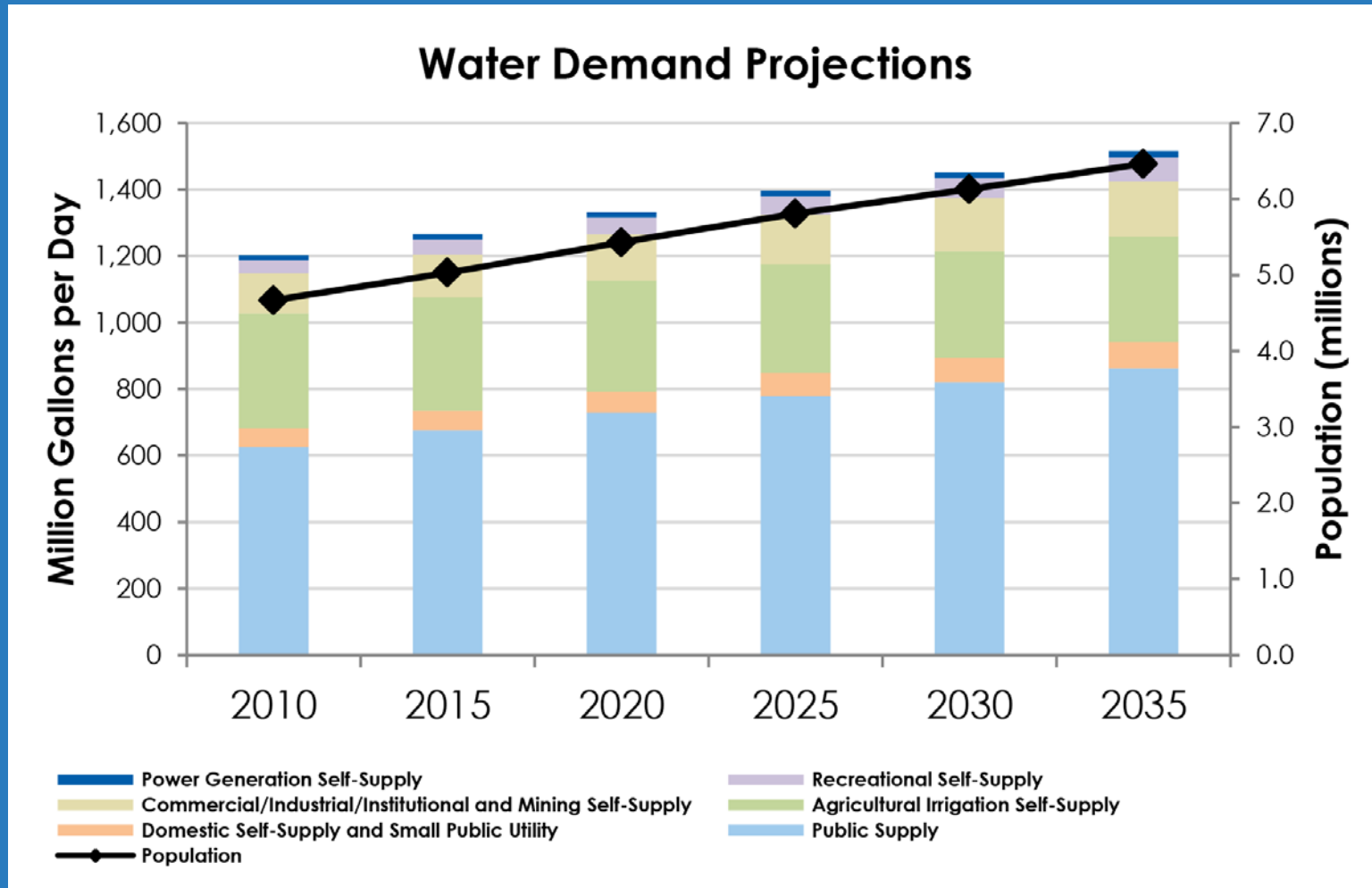


SJRWMD

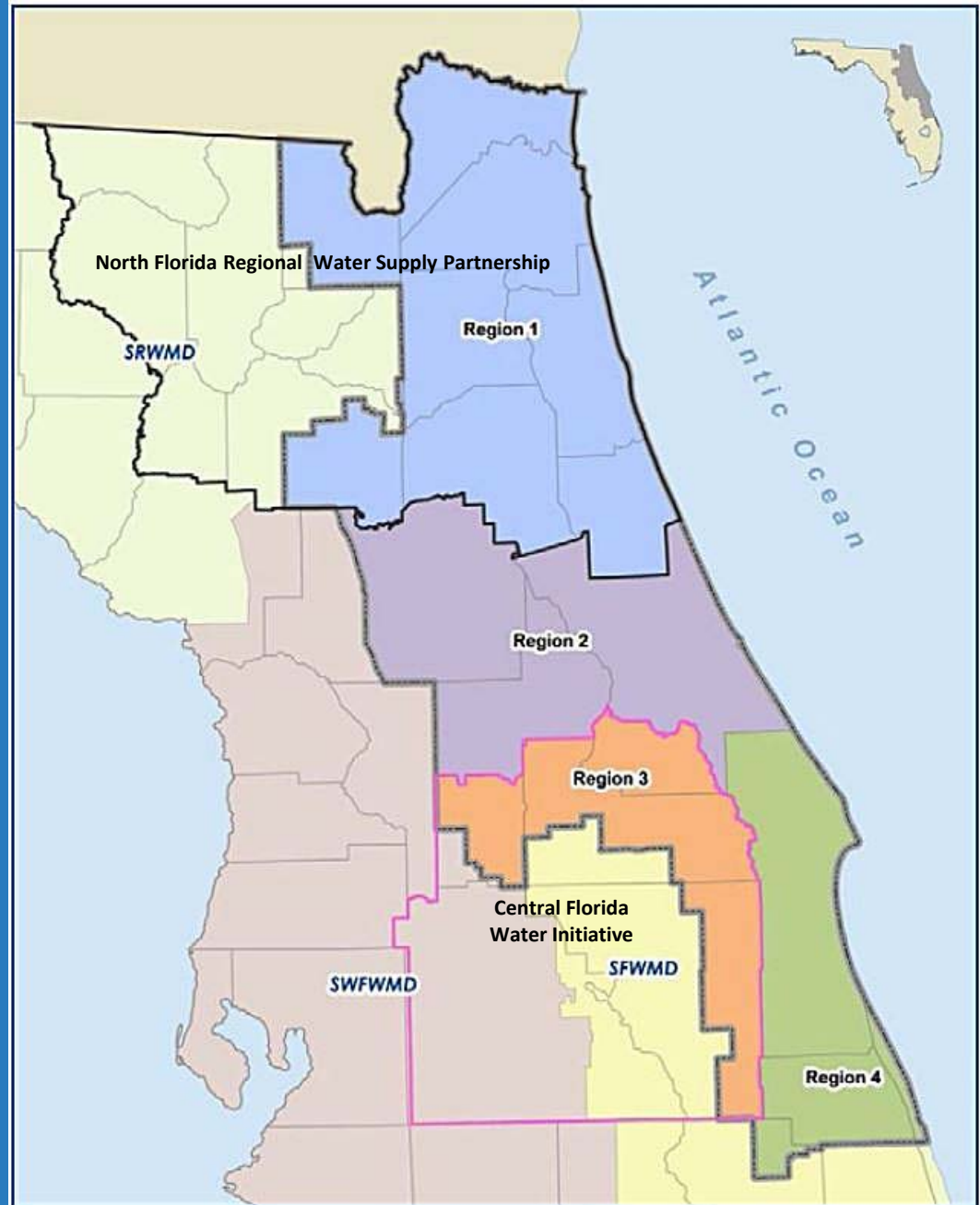
Historical Water Use and Population



Water Demand Projections



Planning Regions

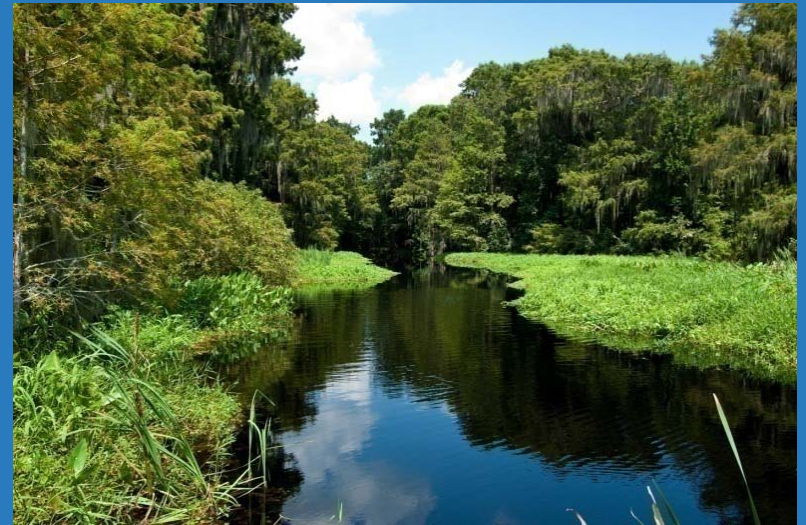


Collaboration/Coordination

- **Region 1 - North Florida Regional Water Supply Partnership: SRWMD, FDEP, local elected officials and area stakeholders**
- **Region 2 – Coordination with SWFWMD and Withlacoochee Water Supply Authority**
- **Region 3 – Central Florida Water Initiative (CFWI): SWFWMD, SFWMD, FDEP, FDACS, and water supply utilities**
- **Region 4 - Coordination with SFWMD**

Water Resource Analysis

- Assessment of the amount of fresh groundwater available for water supply
- Determine impacts to water resources
 - Groundwater quality
 - Wetlands
 - MFLs
 - Spring flows



Analysis Results

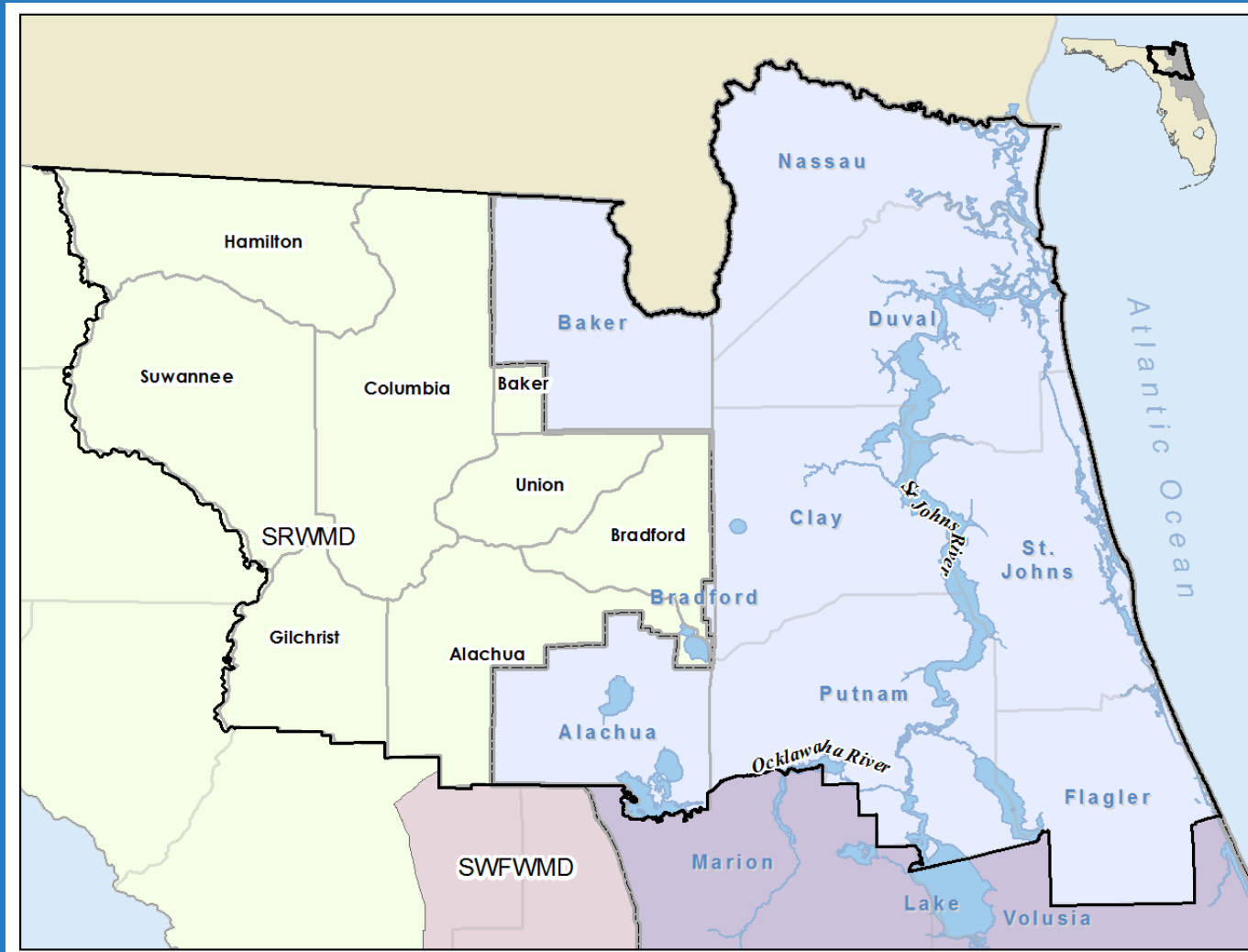
- Traditional groundwater sources can meet some, but not all projected water needs
- Water demand projections exceed groundwater availability by approximately 250 mgd
- Analyses show:
 - Wells with elevated chlorides
 - Lakes below or projected to fall below MFLs
 - Springs below or projected to fall below MFLs

Water Supply Options

- Water conservation
- Management techniques
- Reclaimed water (reuse)
- Alternative water supplies



Region 1



Linking Land Use with Water Supply Planning

- **Water Supply Facility Work Plan**
 - Comprehensive plan amendment
 - Demonstrate sufficient water supply
 - Identifies projects to be developed
 - Minimum 10-year planning period



Importance of Local Involvement

- **Ensure plan reflects local needs**
- **Review of population projections and documents**
- **Coordination among**
 - **County Commissions/City Councils**
 - **Utility staff**
 - **Planning staff**
- **Identify projects to meet future water demand**

Public Involvement

MEETING	DATE
Briefings/Presentations	Ongoing
Technical Methods Workshop	1/23/14
Public Meetings	
Palatka	1/23/14
Tavares	1/28/14
St. Augustine	1/30/14
Viera	2/4/14
Jacksonville	2/6/14
Vero Beach	2/10/14



Conclusion

The plan identifies sufficient conservation and alternative water supply projects to meet future demands without unacceptable impacts to water resources and related natural systems

Action Plan

- **Promote Water Conservation**
- **Maintain minimum flows and levels - develop prevention and recovery strategies where necessary**
- **Provide Water Supply Development Project Assistance**
- **Implement Water Resource Development Projects**
- **Integrate Water Supply Planning and the Consumptive Use Permitting**
- **Continue Intergovernmental, Water Supplier, and Public Coordination**

Next Steps

- **Comments to: jtgross@sjrwmd.com
or online at: floridaswater.com/DWSP2013**
- **Comment period through 2/20/14**
- **Questions?**



Comments to:
Or

<http://www.floridaswater.com/DWSP2013/>



Questions?