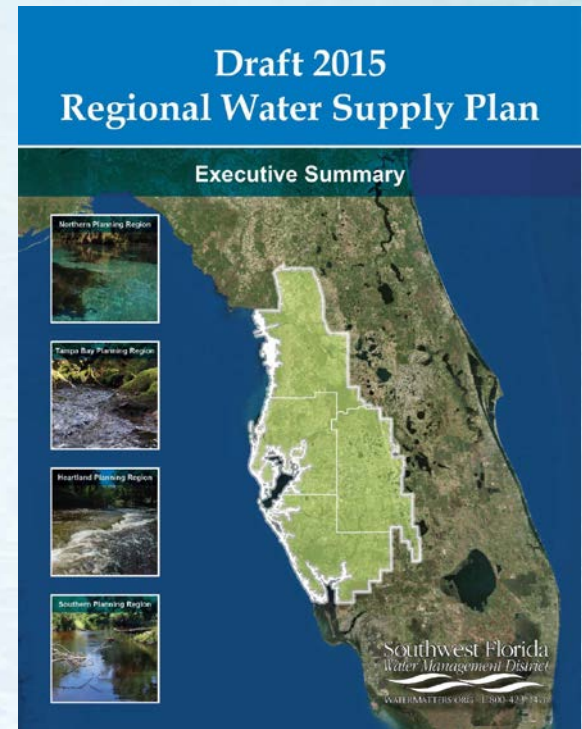


# Draft 2015 Regional Water Supply Plan

Public Information Workshop  
May 28, 2015



To hear the presentation, please call toll-free at  
1-888-670-3525, and enter the participant code 9502752119#  
Workshop will start at 5:30 p.m., please stand by...

# Workshop Overview

- Online and live workshop
- Recorded for webpage
- RWSP presentation
- Questions/comments from live audience
- Questions/comments from online chat
- Public comments cards and online comment form





# Draft 2015 Regional Water Supply Plan

**Public Information Workshop  
May 28, 2015**

**George Schlutermann, P.G.,  
Senior Hydrogeologist  
Water Supply Section**

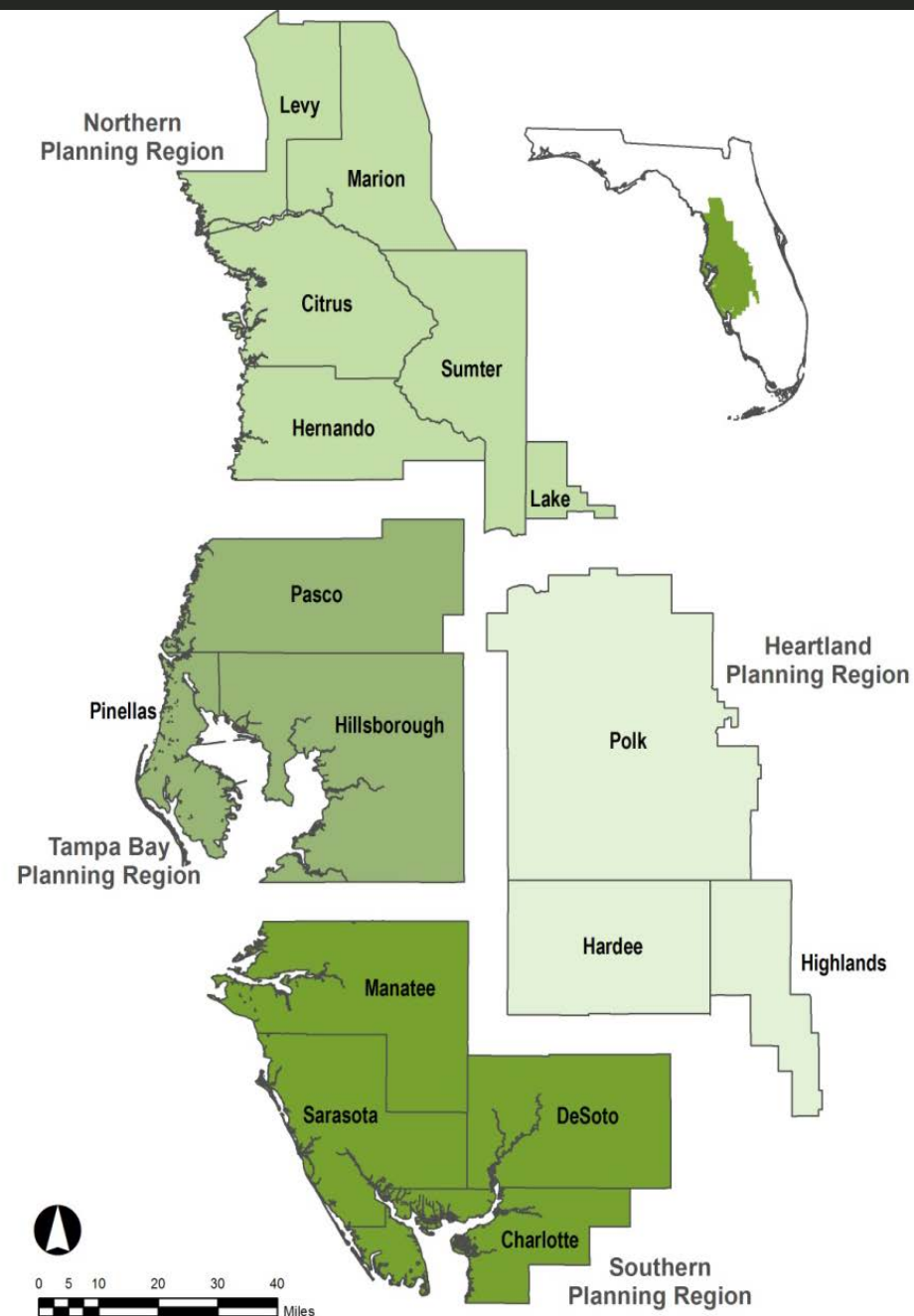


# Today's Presentation

- What is a RWSP?
- Guiding Principles
- Schedule & Public Involvement Process
- RWSP Details
- Community Planning Sheets
- How to Submit Your Comments!

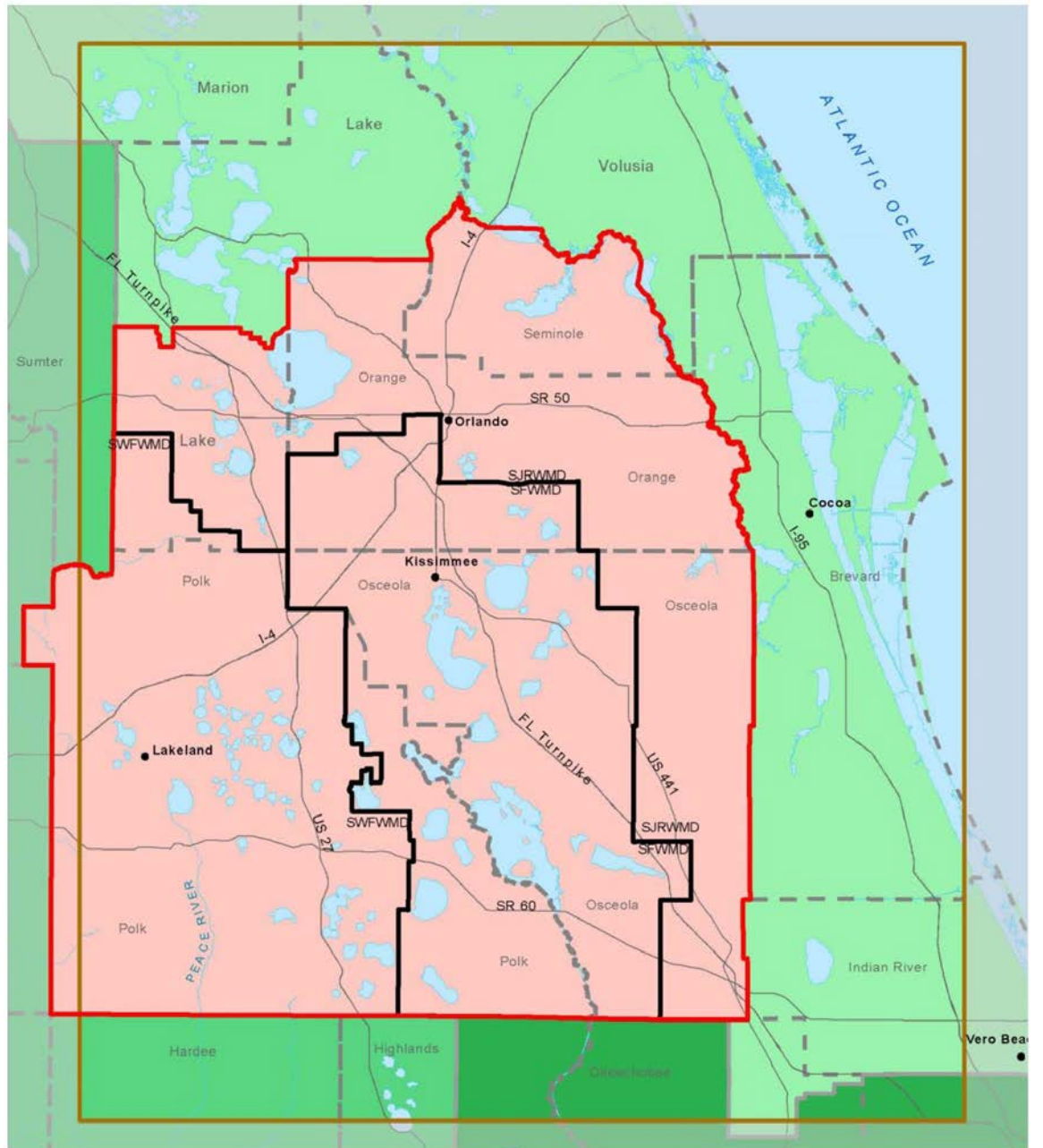
# What is a RWSP?

- Statutorily Mandated
- Water Resource Evaluation
- Demands from All Categories
- How to Meet the Demands
  - Potential Sources
  - Project Options
- Update Every 5 Years
- Funding Mechanisms
- Stakeholder Input

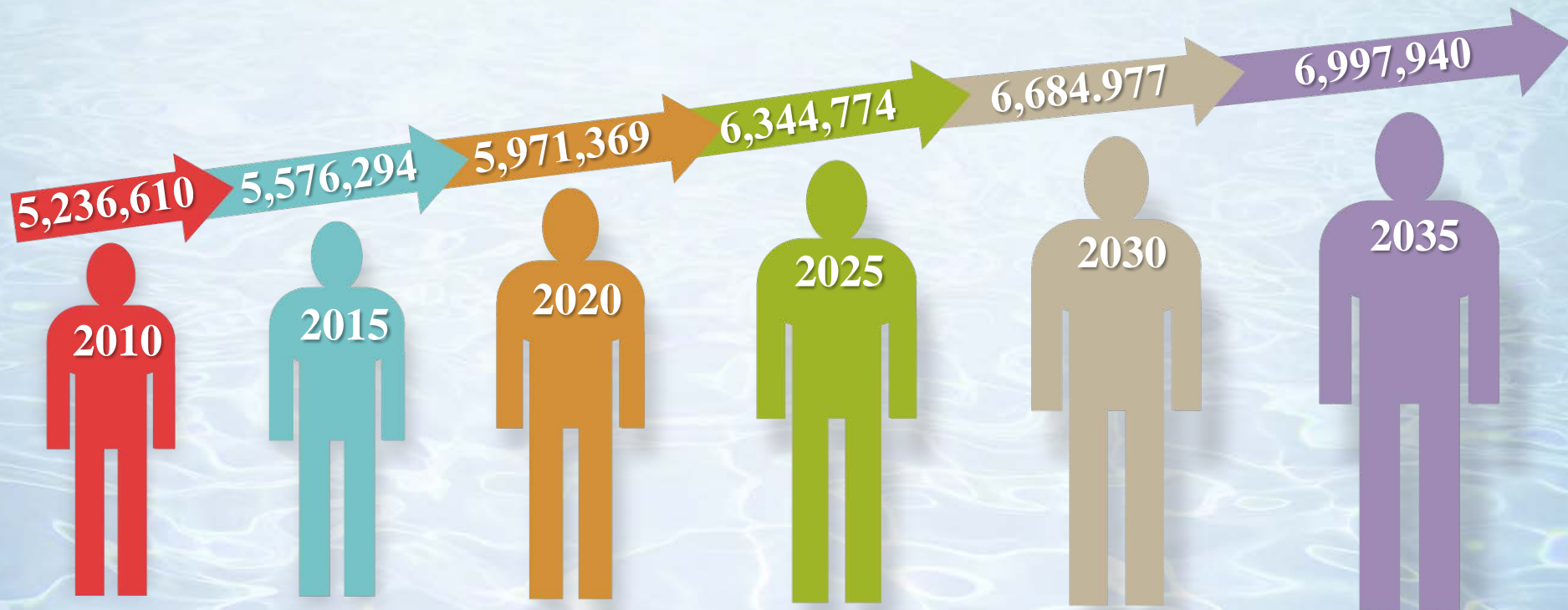




# Central Florida Water Initiative (CFWI)



# District Population Growth






# Key Guiding Principles

- Emphasis on Water Conservation
- Emphasis on Reclaimed Water
- Regional Cooperation on Water Supply Planning
- Focus on Alternative Sources



# RWSP Schedule

Activities	Time Frame
Preparation of draft 2015 RWSP 	Jan. 2014 – Feb. 2015
Internal/external review of water demand projections 	Sept. 2014 – Mar. 2015
Request Governing Board to approve draft RWSP 	April 2015
Open public comment and hold public workshops	May 13 – July 31, 2015
Address public comments	May – August 2015
Request Governing Board to approve final RWSP	Oct./Nov. 2015

# Public Involvement Process

## Stakeholders

- Advisory Committees
- Agriculture
- Environmental Groups
- Mining/Power
- Water Utilities
- Landscape/Recreation Business
- Public
- University of Florida/Institute of Food and Agricultural Sciences Extension Service Offices
- Water Management Districts (SJRWMD, SRWMD, SFWMD)
- Water Supply Authorities

## Communication Methods

- Presentations
- Workshops with webcasts
- Social media and traditional media
- Webpage *[WaterMatters.org/RWSP](http://WaterMatters.org/RWSP)*



# District Projected Total Water Use and Population

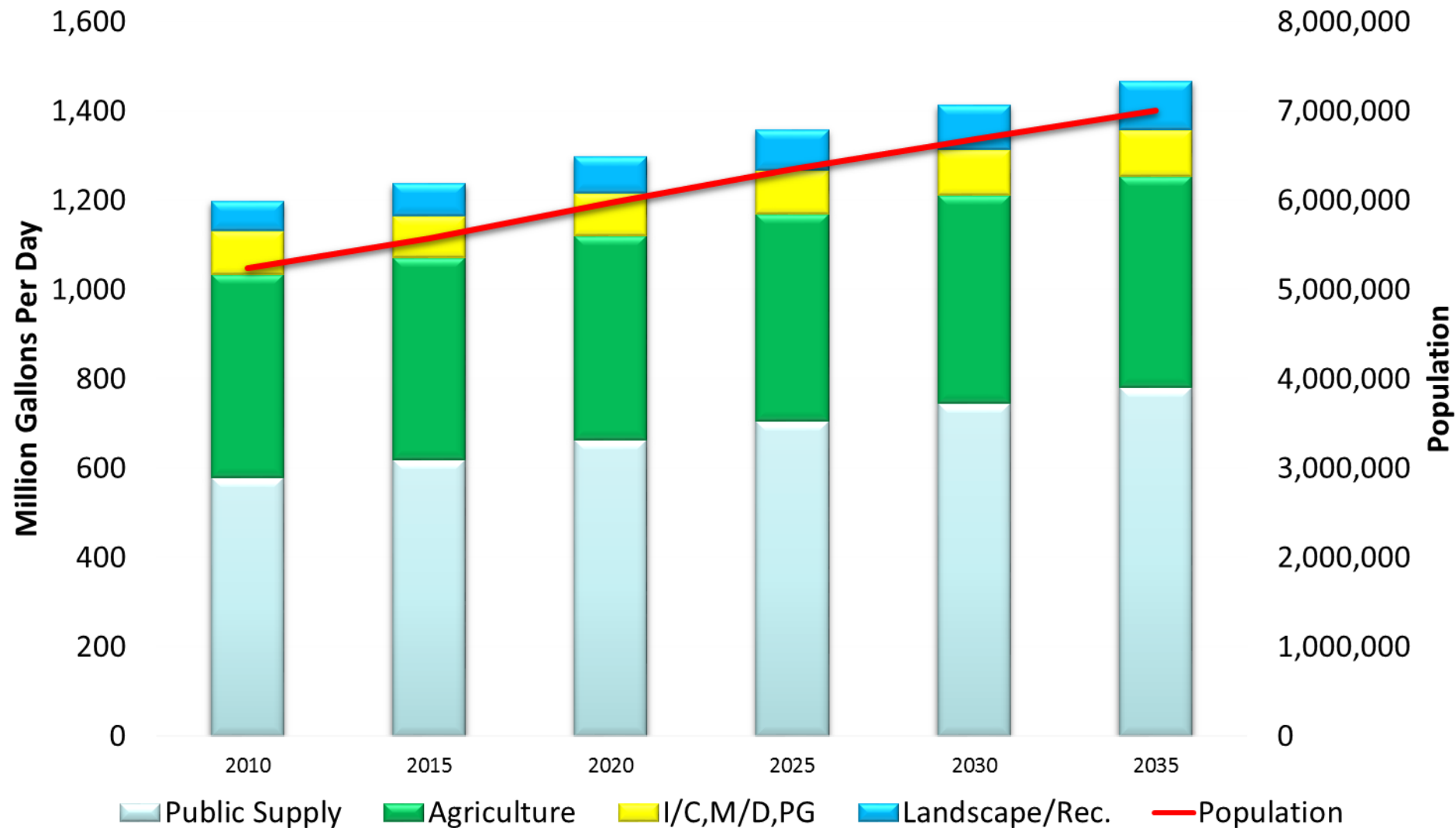




Table 1. Summary of the projected demand by water use sector (5-in-10) (mgd)								
Water Use Category	Water Demands (mgd)						Total Change	
	2010 Base	2015	2020	2025	2030	2035	mgd	%
Public Supply	577	617	663	706	744	779	202	35%
Agriculture	456	454	457	463	467	471	15	4%
I/C, M/D, PG	98	92	95	98	101	105	7	7%
Landscape/Rec	65	73	81	90	99	109	44	67%
Env. Restoration	-	-	8	25	25	25	25	N/A
Total	1,196	1,236	1,304	1,382	1,436	1,489	293	24%

# Meeting Future Demands

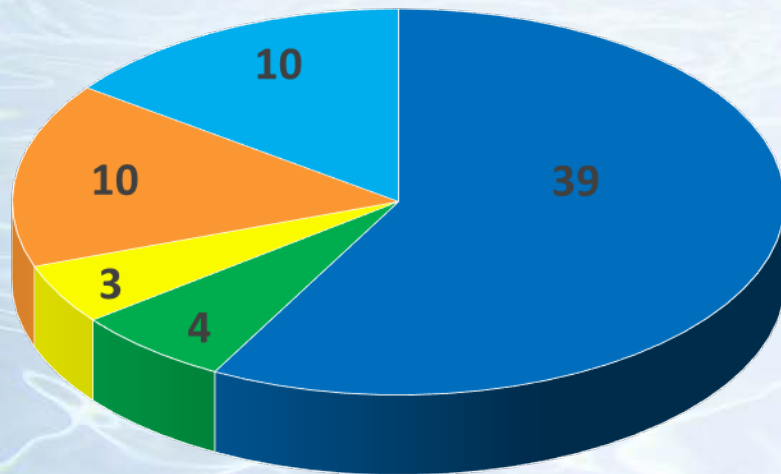
## Identified Supplies to Meet Demands

- Conservation
- Reclaimed Water
- Development of Other Water Supplies
  - Groundwater (traditional/brackish)
  - Surface water
  - Seawater
  - Increase storage (reservoirs and ASR)
- Regional Cooperation

# Heartland Planning Region

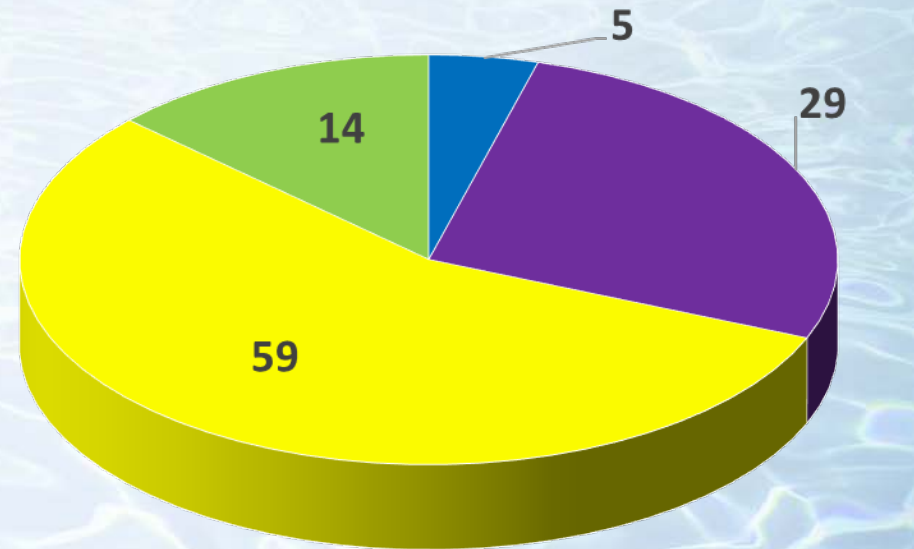
## Projected Water Demand and Water Availability

Additional 2035 Water Demand (in mgd)  
Approx. Total 66



■ Public Supply      ■ Agriculture  
■ I/C,M/D,PG      ■ Landscape/Rec  
■ Env. Restoration

Additional Water Available through 2035  
(in mgd) – Approx. Total 107



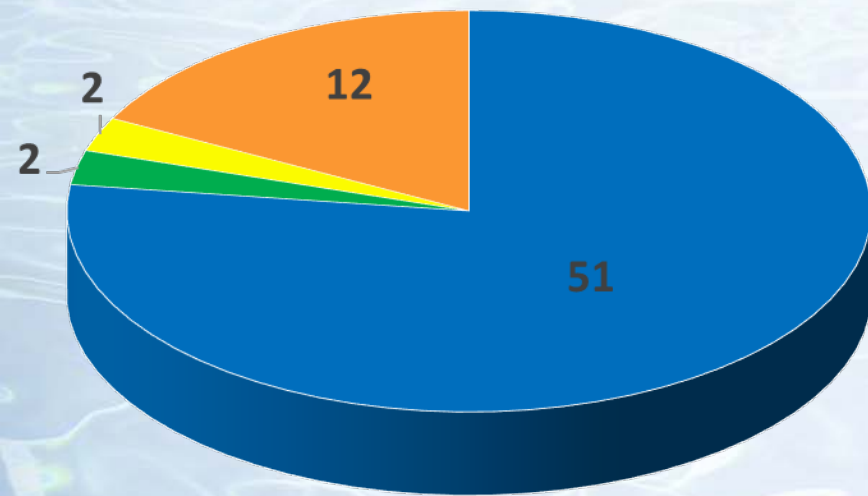
■ Surface Water      ■ Reclaimed Water  
■ Groundwater      ■ Water Conservation



# Northern Planning Region

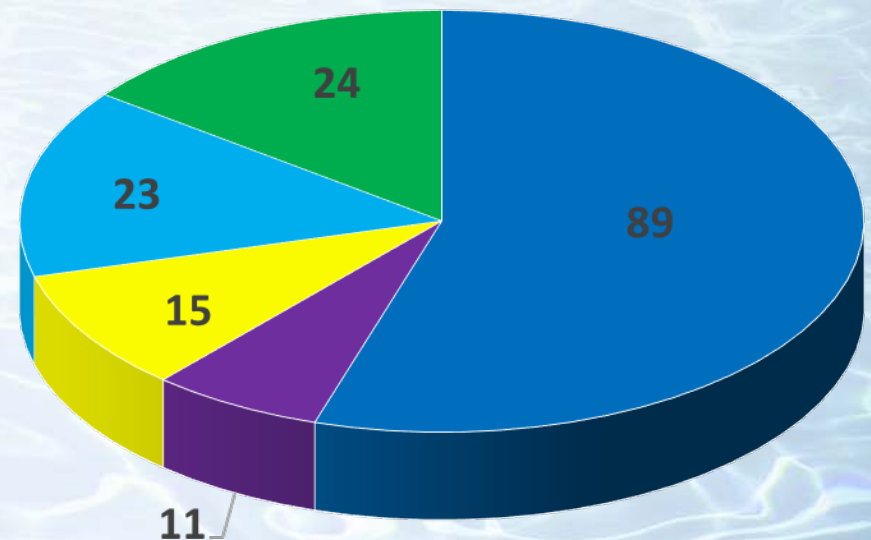
## Projected Water Demand and Water Availability

Additional 2035 Water Demand (in mgd)  
Approx. Total 67



■ Public Supply  
■ I/C,M/D,PG  
■ Agriculture  
■ Landscape/Rec

Additional Water Available Through  
2035 (in mgd) – Approx. Total 162

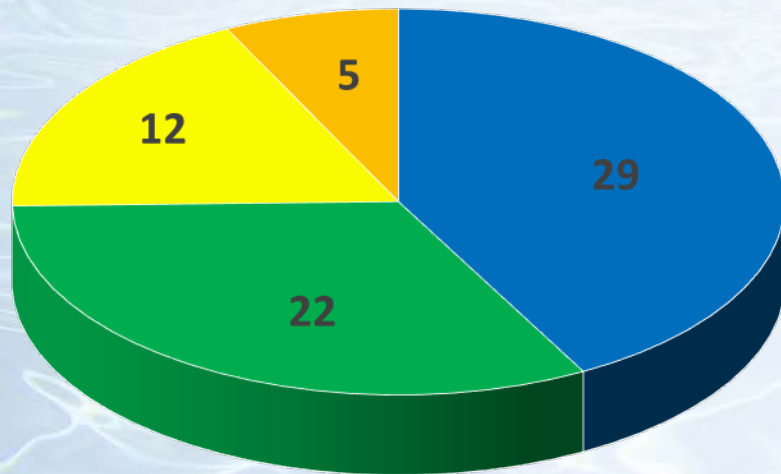


■ Surface Water  
■ Desalination  
■ Water Conservation  
■ Reclaimed Water  
■ Groundwater

# Southern Planning Region

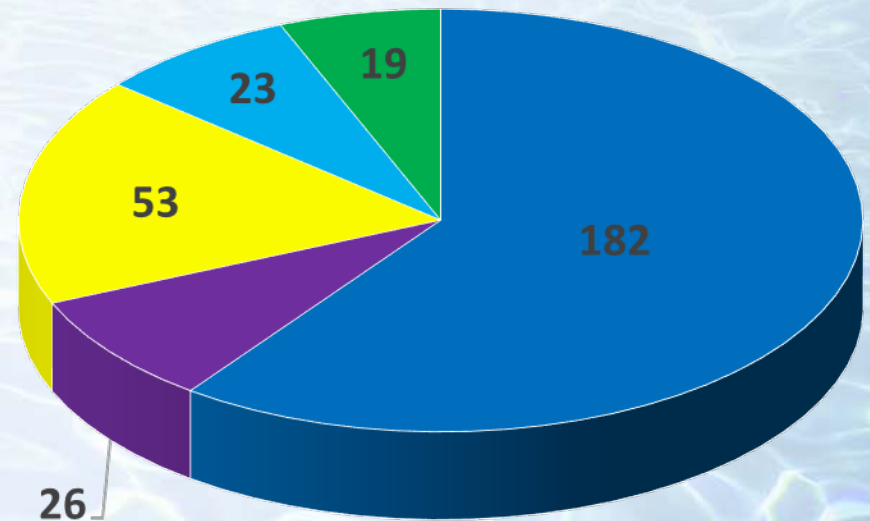
## Projected Water Demand and Water Availability

Additional 2035 Water Demand (in mgd) - Total 68



■ Public Supply    ■ Agriculture  
■ Landscape/Rec    ■ Env. Restoration

Additional Water Available through 2035 (in mgd) - Total 302

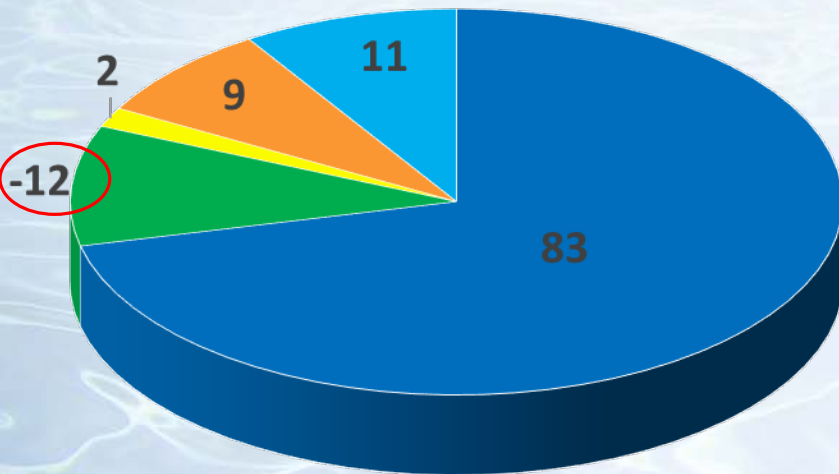


■ Surface Water    ■ Reclaimed Water  
■ Desalination    ■ Groundwater  
■ Water Conservation

# Tampa Bay Planning Region

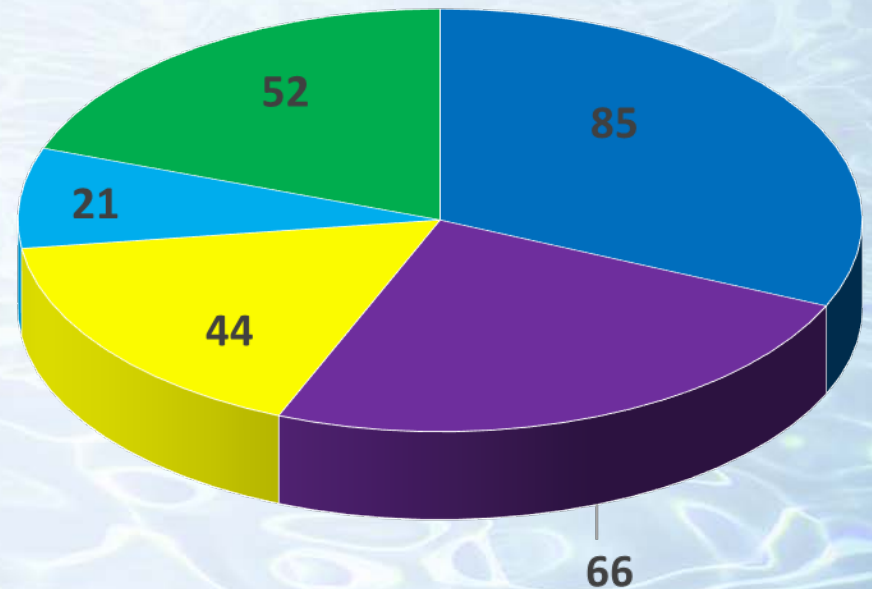
## Projected Water Demand and Water Availability

Additional 2035 Water Demand (in mgd)  
Approx. Total 93



■ Public Supply      ■ Agriculture  
■ I/C,M/D,PG      ■ Landscape/Rec  
■ Env. Restoration

Additional Water Available through 2035  
(in mgd) - Total 268



■ Surface Water      ■ Reclaimed Water  
■ Desalination      ■ Groundwater  
■ Water Conservation



# Differences Since 2010 Plan

- Central Florida Water Initiative
  - Polk and Lake Counties
- Overall comparison shows population estimates reduced and demand projections decreased
  - 2010 Planning Period
    - Total 7,054,429 pop. by 2030, 46% Increase
    - Total Demand 1,620 mgd by 2030, 36% Increase (431 mgd)
  - 2015 Planning Period
    - Total 6,997,940 pop. by 2035, 33% Increase
    - Total Demand 1,491 mgd by 2035, 24% Increase (294 mgd)

# Local Government Requirements

## After the District's approval of the 2015 Regional Water Supply Plan:

- Per 163.3177(6)(c)3, F.S., Local Governments must amend their comprehensive plan to include a 10-year Water Supply facilities work plan within 18 months of RWSP update and submit to Dept. of Economic Opportunity, the WMDs and other state agencies
- Work Plan must demonstrate:
  - Sufficient water supply for at least next 10 years
  - Sufficient projects to address projected demand





# Regional Water Supply Plan

[RWSP Home](#) | [Northern Region](#) | [Tampa Bay Region](#) | [Heartland Region](#) | [Southern Region](#)

*The District's Regional Water Supply Plan assesses the projected water demands and potential sources of water to meet demands over a 20-year period. The Plan is updated every five years, in accordance with Section 373.709, Florida Statutes.*

## Why We Do It

The 2015 Regional Water Supply Plan (RWSP) is an assessment of projected water demands and potential sources of water to meet these demands in the Southwest Florida Water Management District (District) for the period from 2015 through 2035. The RWSP consists of an executive summary and four geographically-based volumes that correspond to the District's four designated water supply planning regions (Northern, Tampa Bay, Heartland and Southern).

## A Framework for the Future

The RWSP provides a framework for future water management decisions in the District and demonstrates how water demands can be met through a combination of alternative water sources, fresh groundwater and water conservation measures.

The District's first RWSP was published in 2001 and is updated every five years. The District updates the RWSP with significant public comment to ensure all stakeholders with the opportunity for input.

For the 2015 RWSP, the District will hold public workshops, with live webcasting, to provide status updates, answer questions and solicit public comment. The District has also developed this webpage to provide public drafts of the documents, advertise public workshops, and solicit comments from all interested stakeholders including the public. This process will help shape the final draft of the RWSP.

## Tentative RWSP Schedule

Month	Activities
January – December 2014	Preparation of draft 2015 RWSP
September 2014 – Mar. 2015	Initial internal and external review of water demand projections
April 2015	Governing Board presentation and request to release the draft RWSP to the public
May 13 – July 31, 2015	Public comment period on draft RWSP
May – July 2015	Four public workshops
October/November 2015	Present to the Governing Board a request to approve the 2015 RWSP
December 2015	Publish 2015 RWSP online and prepare copies for the public

## 2015 Regional Water Supply Plans »

## 2015 RWSP Workshops & Presentations »

## Previous Regional Water Supply Plans

- 2010 Regional Water Supply Plan
- 2006 Regional Water Supply Plan
- 2006 Public Comments and District Responses
- 2001 Regional Water Supply Plan

## Contact Info

For additional information, questions and to submit comments, please contact **George Schlutermann, P.G.**, senior hydrogeologist, at 1-800-423-1476 (FL only), ext. 4212.

If you would like to receive email updates about the Regional Water Supply Plan, sign up here:

[Email Updates »](#)



[RWSP Home](#) | [Northern Region](#) | [Tampa Bay Region](#) | [Heartland Region](#) | [Southern Region](#)

# Regional Water Supply Plan

## 2015 Regional Water Supply Plan



The draft 2015 Regional Water Supply Plan (RWSP) is available for public review and comment. The RWSP consists of an executive summary and four geographically based volumes that correspond to the District's four designated water supply planning regions (Northern, Tampa Bay, Heartland and Southern).

The District is accepting public comment on the draft RWSP through the [online comment form](#), emails to the [project manager](#), and through the mail. The last day to submit public comments is July 31, 2015. Comments and questions will be addressed and tracked in a 2015 Public Comments and District

Responses document that will be posted on this webpage.

### Draft 2015 Regional Water Supply Plan

- [Executive Summary](#)
- [Northern Region](#)
- [Tampa Bay Region](#)
- [Heartland Region](#)
- [Southern Region](#)
- [Appendix 2-1 - Priority List and Schedule for MFLs](#)
- [Appendix 2-2 - MFL Methodologies](#)
- [Appendix 3-1 - Demand Projections for Agriculture](#)
- [Appendix 3-2 - Demand Projections for Industrial/Commercial, Mining/Dewatering, Power Generation](#)
- [Appendix 3-3 - Demand Projections for Public Supply](#)
- [Appendix 3-4 - Demand Projections for Landscape/Recreation](#)
- [Appendix 4-1 - Reclaimed Water – Existing and Future by County](#)
- [Appendix 4-2 - Criteria for Determining Potential Availability for Rivers](#)

### Public Comment

The District would like your opinion about the draft 2015 RWSP. Please submit your comments by clicking on the link below.

[Submit Comments](#)

[2015 Regional Water Supply Plans »](#)

[2015 RWSP Workshops & Presentations »](#)

### Previous Regional Water Supply Plans

- [2010 Regional Water Supply Plan](#)
- [2006 Regional Water Supply Plan](#)
- [2006 Public Comments and District Responses](#)
- [2001 Regional Water Supply Plan](#)

### Contact Info

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*If you would like to receive email updates about the Regional Water Supply Plan, sign up here:*

[Email Updates »](#)

# How to Submit Your Public Comment

Please submit comments by July 31, 2015 using one of the following methods:

- Complete a Public Comment Card and leave in the Comment Box
- Use the online comment form available at *WaterMatters.org/RWSP*
- Email comments to [George.Schlutermann@watermatters.org](mailto:George.Schlutermann@watermatters.org)
- Mail comments to: George Schlutermann, P.G.

SWFWMD

2379 Broad St.

Brooksville, FL 34604



# Upcoming Public Involvement

- Public comment period
  - Started May 13, 2015
  - Ends July 31, 2015
- Public workshops
  - ➡ – Brooksville: May 28 with live webcast – All sectors
  - Tampa: June 18 with live webcast – AG sector
  - Tampa: June 30 with live webcast – All sectors
  - Inverness: July 23 – All sectors
  - Webcasts to be recorded for webpage
- Additional presentations/meetings, as needed



# **NOW TO OUR MODERATOR, AND THEN QUESTIONS AND COMMENTS**





# PUBLIC COMMENTS AND QUESTIONS

- Questions/comments from live audience
- Questions/comments from online chat
- Public comments cards from audience
- Email feedback: [George.Schlutermann@WaterMatters.org](mailto:George.Schlutermann@WaterMatters.org)



Questions?