

***Central Florida
Water Initiative
Water for Tomorrow***



Steering Committee

April 13, 2018

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Technical Team Lead

Regional Water Supply Plan

Central Florida Water Initiative Regional Water Supply Plan Team Updates

- Current Efforts
- Projections
- Outreach
- Next Steps
- Questions



Current Efforts

- Finalized review of BEBR deliverable
- Draft demand projections under review
 - Public Supply detailed
- Distributed FSAID VI Agricultural projections spatially
- Established water source options, technical writing and reclaimed water subgroups
- Solicited reclaimed water projections
- Initiating solicitation of water project options

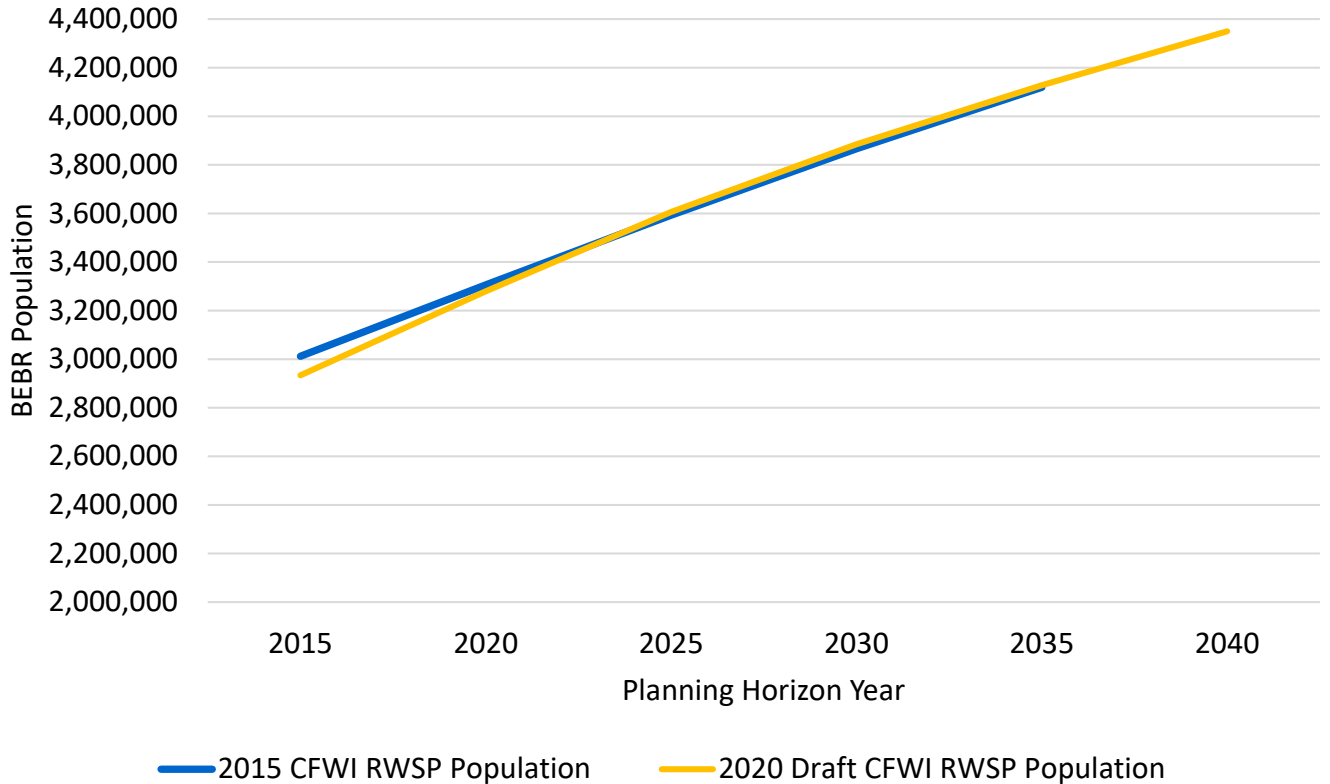


Draft Population Projections

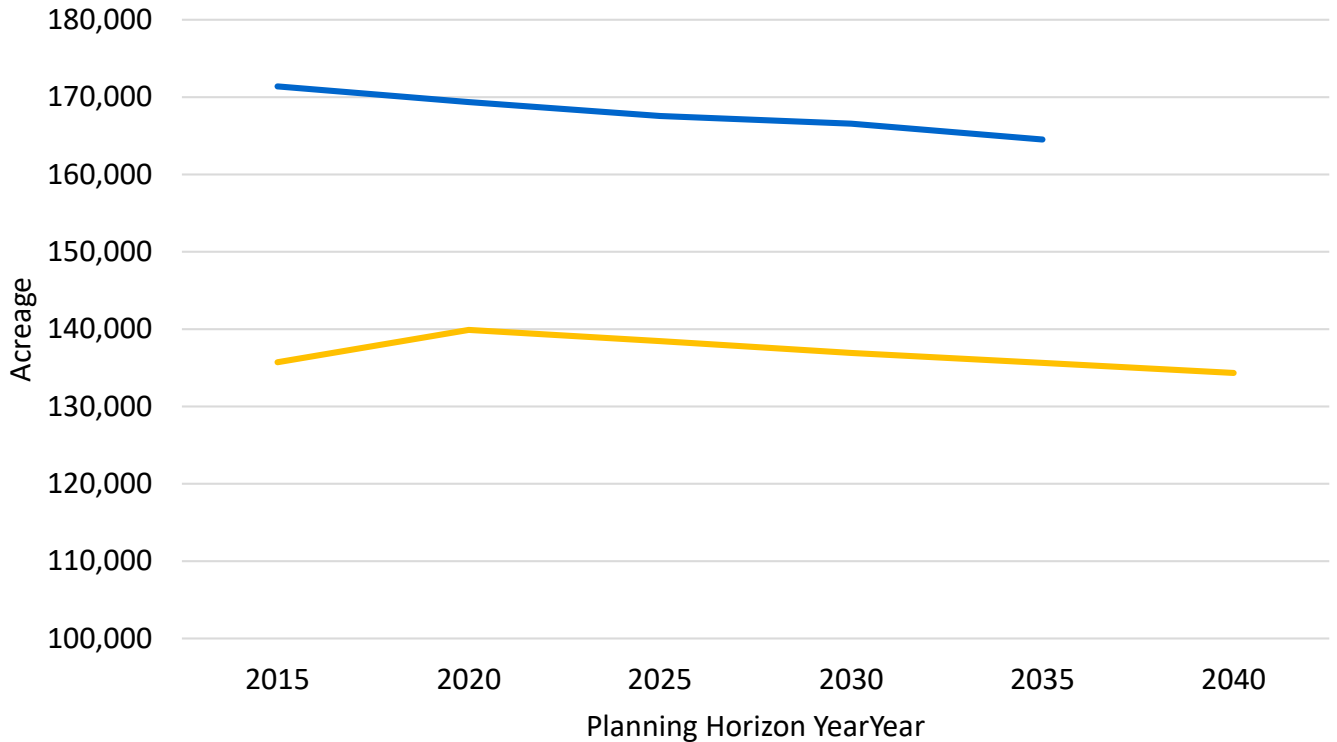
Category	2015	2040	Change	% Change
Public Supply	2,856,512	4,215,543	1,359,031	48%
Domestic Self-Supply & Small Utilities	77,403	134,050	56,647	73%
Total	2,933,915	4,349,593	1,415,678	48%



2015 CFWI RWSP Population Projections -vs- 2020 Draft CFWI RWSP Population Projections

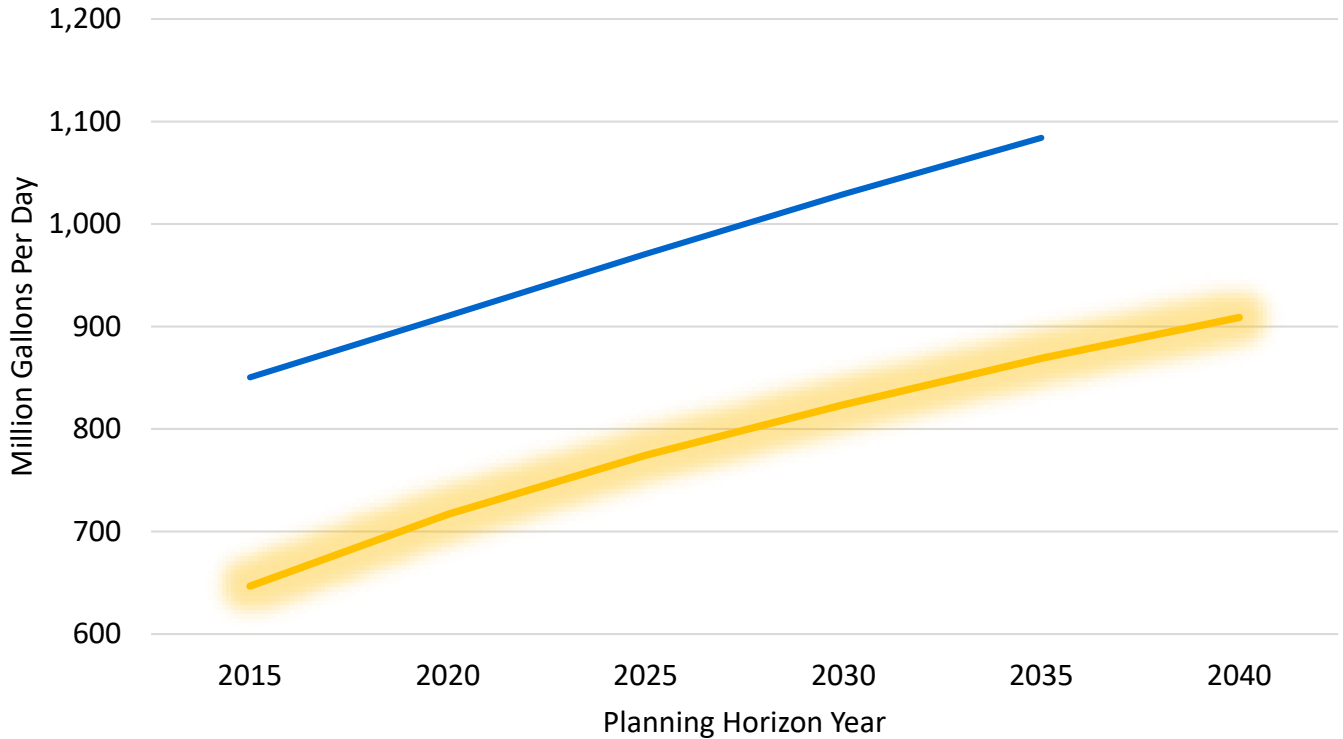


2015 CFWI RWSP Agricultural Irrigated Acreage -vs- 2020 Draft CFWI RWSP Agricultural Irrigated Acreage



— 2015 CFWI RWSP Irrigated Acreage — 2020 Draft CFWI RWSP Irrigated Acreage

2015 CFWI RWSP Demand Projections -vs- 2020 Draft CFWI RWSP Demand Projections



— 2015 CFWI RWSP Water Demand

— 2020 Draft CFWI RWSP Water Demand

Outreach

- April Newsletter
- Website Resources



Central Florida Water Initiative



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CFWI Resources

- 2020-2040 CFWI parcel-level population projections (Produced by BEBR on 12/18/2017)
 - Methodology
 - Parcel centroids
 - Parcel polygons
- CFWI Project Cost Estimator Tool
- Data, Monitoring and Investigations Team CFWI inventory
- Google Earth database for the Data, Monitoring and Investigations Team CFWI inventory
- Creating a Sustainable Water Supply for Central Florida: A Regional Strategy
- Creating a Regional Water Strategy for Central Florida
- Creating a Regional Water Civic Architecture for Central Florida
- Environmental Assessment Databases (Provisional)
 - Shapefile Format Database (ARC/GIS compatible)
 - KML Format Database (Google Earth compatible)
 - Instructions for downloading Google Earth
- ECFT Model Output Materials — PM Viewer: Draft Results 10/17/2010
- Central Florida Coordination Area statistical analysis
- Coordination Area map
- Coordination Area utilities map
- Public Supply Service Area Boundaries in CFWI Counties
- St. Johns River Water Management District permitting rules
- South Florida Water Management District permitting rules
- Southwest Florida Water Management District permitting rules
- Wastewater Treatment Areas in CFWI Counties

Next Steps

- Verify water demand projections
- Finalize reclaimed water projections
- Solicit project options / update existing project list
- Outreach to stakeholders
- Coordination with WRAT for modeling
- Begin drafting chapters



Questions?



Draft Water Demand Projections

Category	2015	2040	Change	% Change
Public Supply	401.10	577.72	176.62	44%
Domestic Self-Supply & Small Utilities	18.50	14.08	-4.42	-24%
Agriculture	136.38	163.49	27.11	20%
Commercial / Industrial / Institutional & Mining / Dewatering	38.75	70.60	31.85	82%
Landscape / Recreation / Aesthetic	43.63	69.24	25.61	59%
Power Generation	8.39	12.40	4.01	48%