

Water Conservation Program Update

Joint Water and Climate Policy Board
February 2021

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Presentation Outline

Water Resources Overview

Water Conservation

- Supply Side
- Demand Side

Beneficial Reuse

Path Forward



GRU Water/Wastewater

Water Service

- 200,000 people
 - ~ 3/4 of Alachua County population
- Citizens, UF, SFC, hospitals & businesses

Water Reclamation

- Receive wastewater from 185,000 people
- Collect, treat and beneficially reuse



Goal: Environmental, Economic and Social Sustainability

Water Challenges

Expect 40,000 to 50,000 new residents to the region

~ 20-25% population increase over next 20 years

Need to protect springs, lakes and rivers

Commitment to stay within current water allocation through 2034



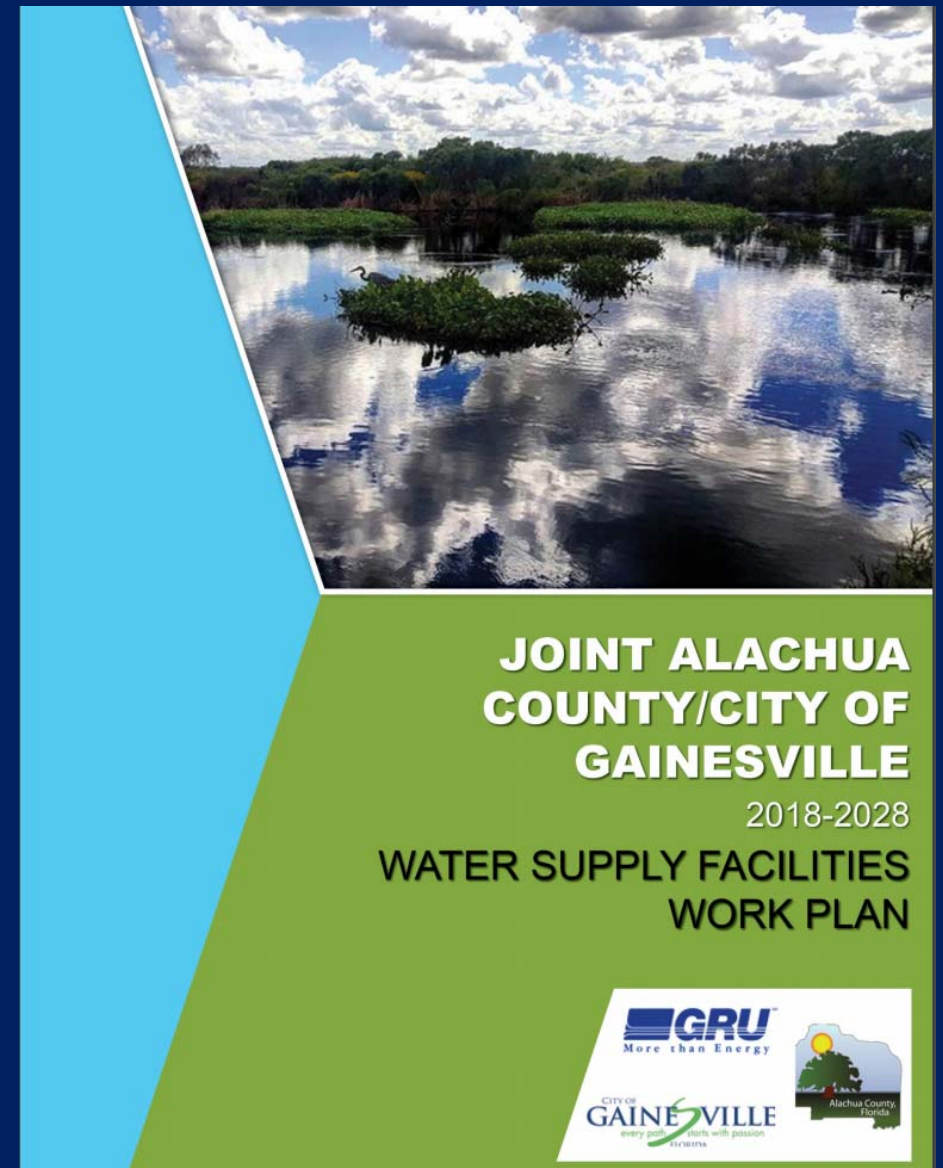
Water Resource Strategy

Collaboration & Planning
Water Conservation
Water Reuse



Coordination, Collaboration & Partnerships

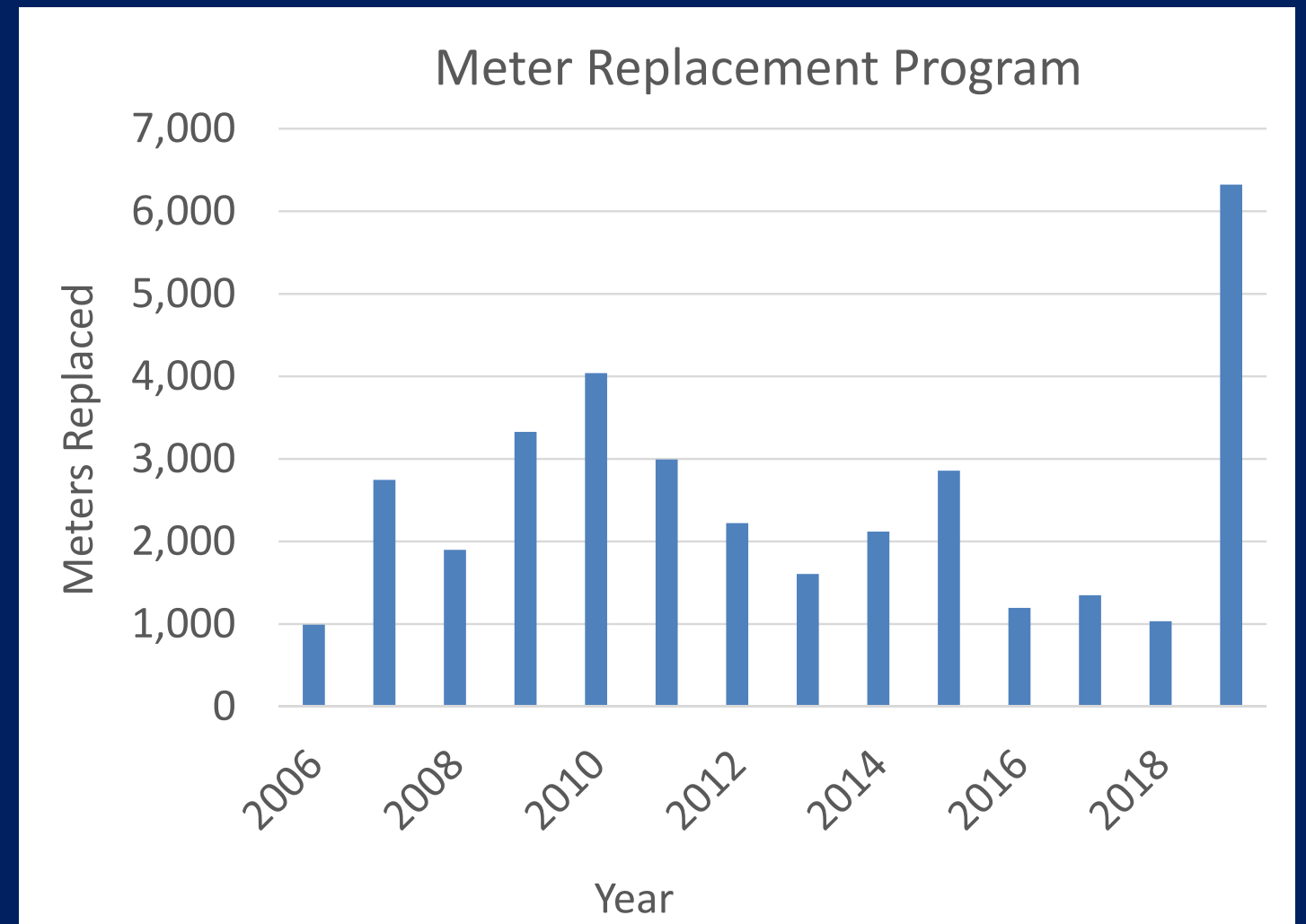
- 2015-2035 North Florida Regional Water Supply Plan
- Joint Alachua County/City of Gainesville 2018-2028 Water Supply Facilities Work Plan
- WMD Cost-share Programs
- Research Participation
- Collaboration Workshops
- Suwannee River Partnership



Water Conservation: Supply Side

Efficient System Operations

- Stop Meter ID & Repair
- Meter Change Outs
- Large Meter Testing
- Pressure Monitoring
- Service Lateral Replacement
- Leak Detection & Repair
- 24/7 Customer Assistance



Water Conservation: Demand Side

Tiered Water Rates

Education & Advertising

- Educational Programs
- Media Campaigns

Programs & Tools

- High Water Bill Review
- Home Water Use Surveys
- LEEP^{plus} Toilet Retrofits
- H2OSAV

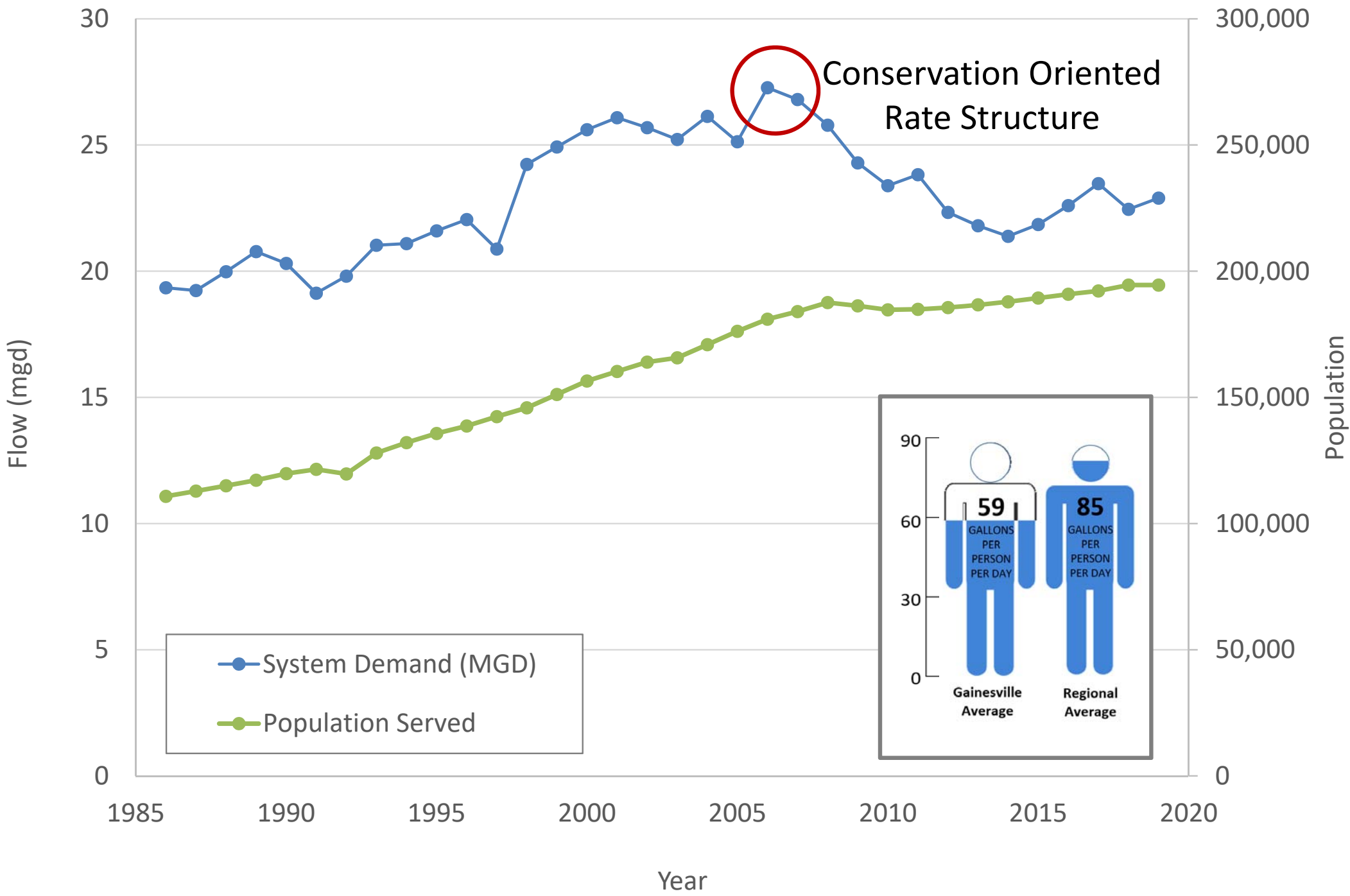




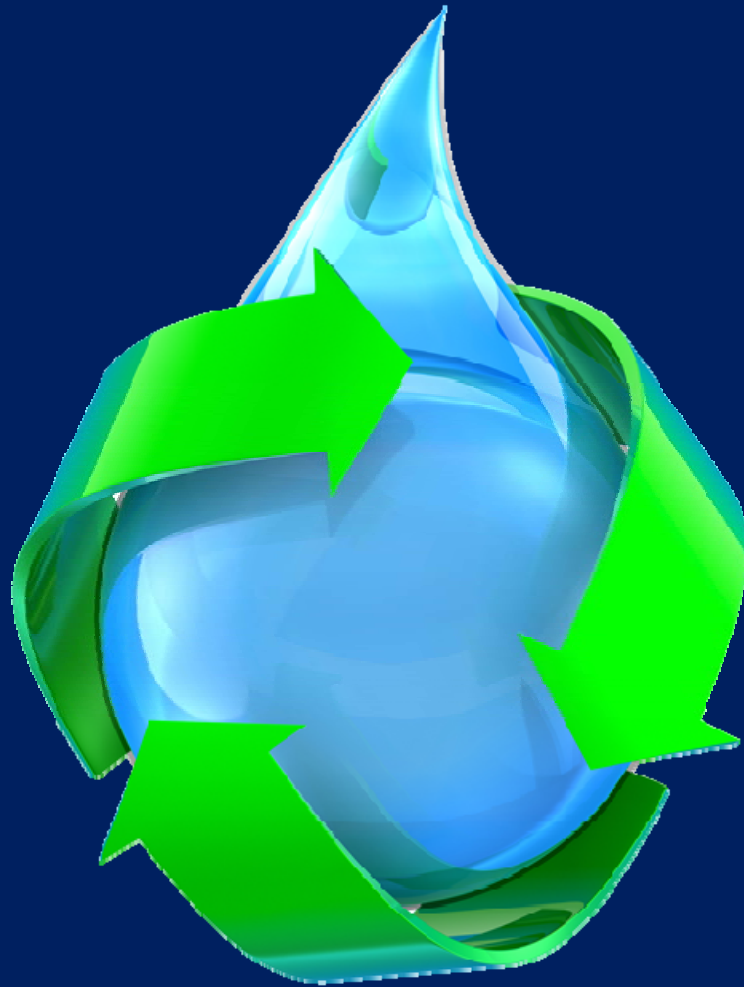
Partners of the UF/IFAS H₂OSAV Extension Program:



GRU Water System Service Population and MWTP Flows



Beneficial Reuse



GRU Beneficially Reuses 100% of its Reclaimed Water

Irrigation & Cooling

Residential & golf course irrigation
Industrial cooling
Reduces demand for groundwater



Environmental Restoration Sweetwater Wetlands Park

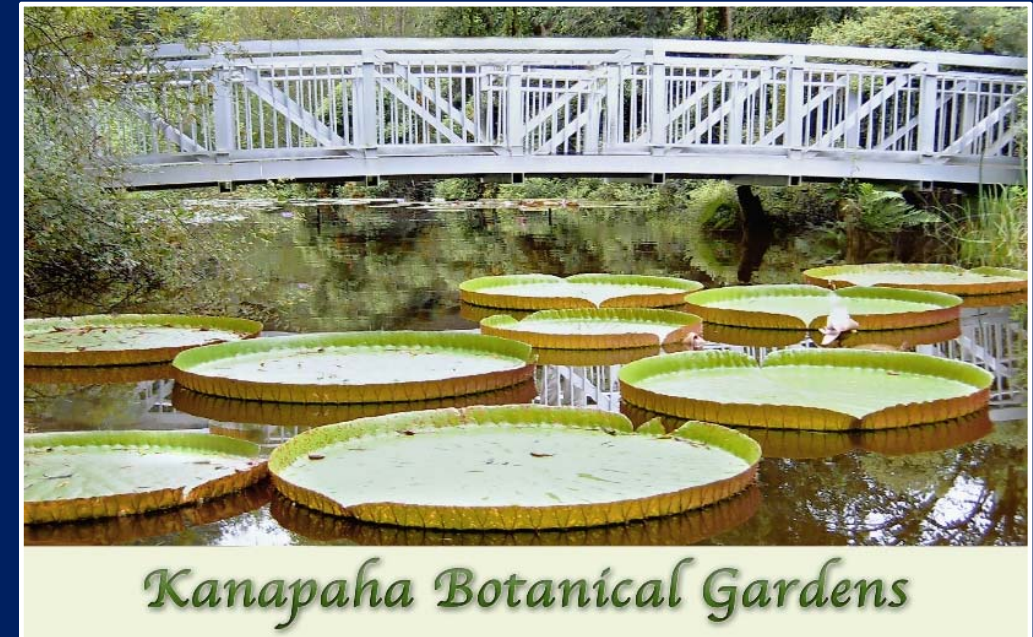


Groundwater Recharge

Groundwater Recharge Wetlands

Aesthetic Water Features

Recharge Wells



Path Forward

Dynamic Approach to Water Supply Planning

- Continued Collaboration
- Education and Outreach
- Conservation Programs
- Measuring, Tracking and Refinement of Solutions
- Beneficial Reuse, Recharge and Environmental Restoration
- Demand Side Management utilizing AMI technology



Contact Information



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