



Drinking Water Planning in the Tampa Bay Region – Past, Present, Future

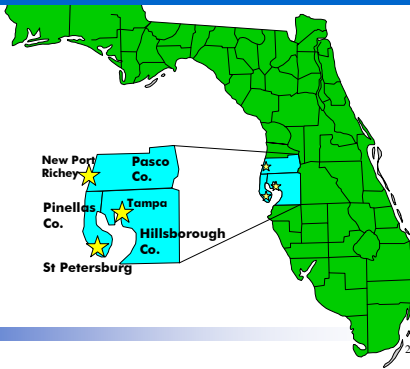
University of South Florida
College of Public Health Workshop
February 15, 2010



Who We Are

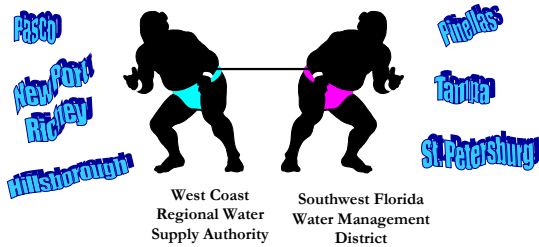
**2.5 Million
Residents
Served**

**250 mgd
Average
Daily
Demand**





Ended the costly “Water Wars”





Tampa Bay Water Today

1. **Ended Litigation over Permits**
 - No litigation since 1998
2. **Developed New Supply**
 - Alternative supplies on-line
3. **Reduced Permitted Groundwater Pumping for Environment**
 - 192 mgd in permits reduced to 90 mgd
4. **Planning for the Future**
 - System Configuration I complete
 - System Configuration II – complete in 2011
 - Master Water Plan – projects for 2020 and beyond
 - Long-Term Water Supply Plan 2030



Regional Water Supply Today

1. **Diverse Supply Portfolio has been developed**
2. **Groundwater operating at sustainable levels**
3. **Seawater Desalination Plant Completed**
4. **Regional Reservoir is Full**
 - Over 15 billion gallons available





Master Water Plan – System Configurations - Alternative Supplies



Conservation Goals



- **Tampa Bay Water's conservation goals**
 - 10 mgd by 2000
 - 17 mgd by 2005
 - 21 mgd by 2010
- **A 23 mgd savings has been achieved through 2008**
- **A total savings of at least 36 mgd is expected by 2012**

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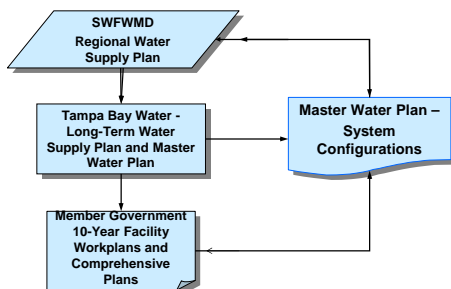
Supplying Water to the Region

- **Meet region's future water supply needs**
- **Meet the Members' comprehensive planning & concurrency requirements**



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Water Supply Planning is Coordinated and Cooperative



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Long-Term Water Supply Planning – Agency and Public Involvement

- **Planning Advisory Committee**
- **Public Workshops**
 - workshops throughout the tri-county area
- **Group meetings**
- **Website**
 - www.futurewater.org



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Long-Term Water Supply Plan and Master Water Plan Update

- **Protect Current Supply**
 - Create a Source Water Protection Plan
 - Continue to assess climate variability
- **Conserve Current Supply**
 - Update the Demand Management Plan Update – work with Members to update the Plan
- **Reclaimed Water Planning**
- **Develop Future Supply**
 - Update the Master Water Plan – continue study of 7 projects
 - Continue interregional coordination

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Source Water Protection Plan

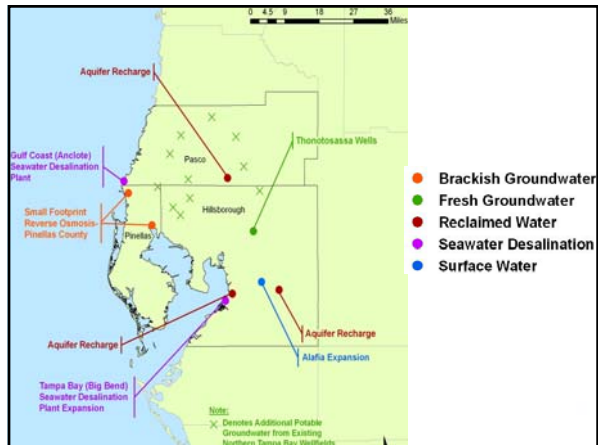
- **Create an Integrated Source Water Protection Plan**
 - Continue existing efforts while plan is developed
 - Evaluate existing and potential efforts to determine cost effective / beneficial options

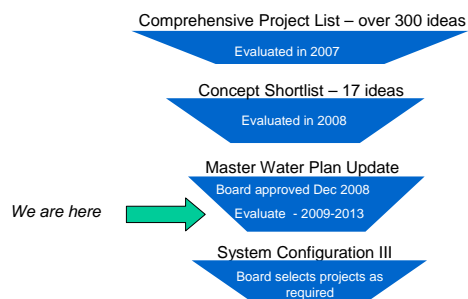


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- **Update the Demand Management Plan**
 - Evaluate water efficient technologies
 - Quantify cost and savings
 - Update demand management goals









Environmental Stewardship, Reliability, and Cost –
Tampa Bay Water Board Goals are being met