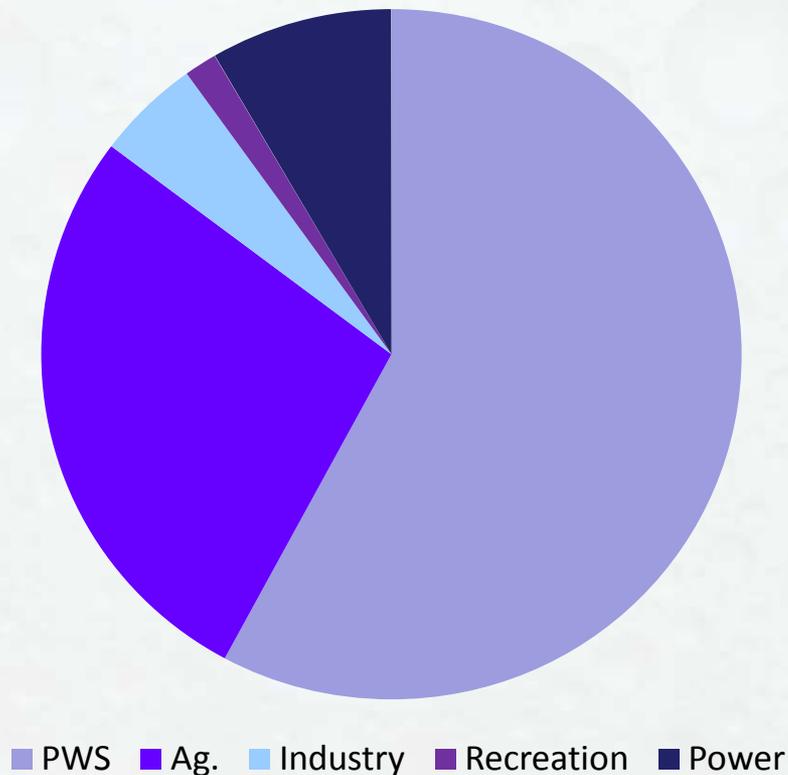


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Water Supply Plan Update
WORKSHOP #3
June 19, 2012*

Water Supply Development Projects

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Lead Hydrologist
Water Supply Bureau

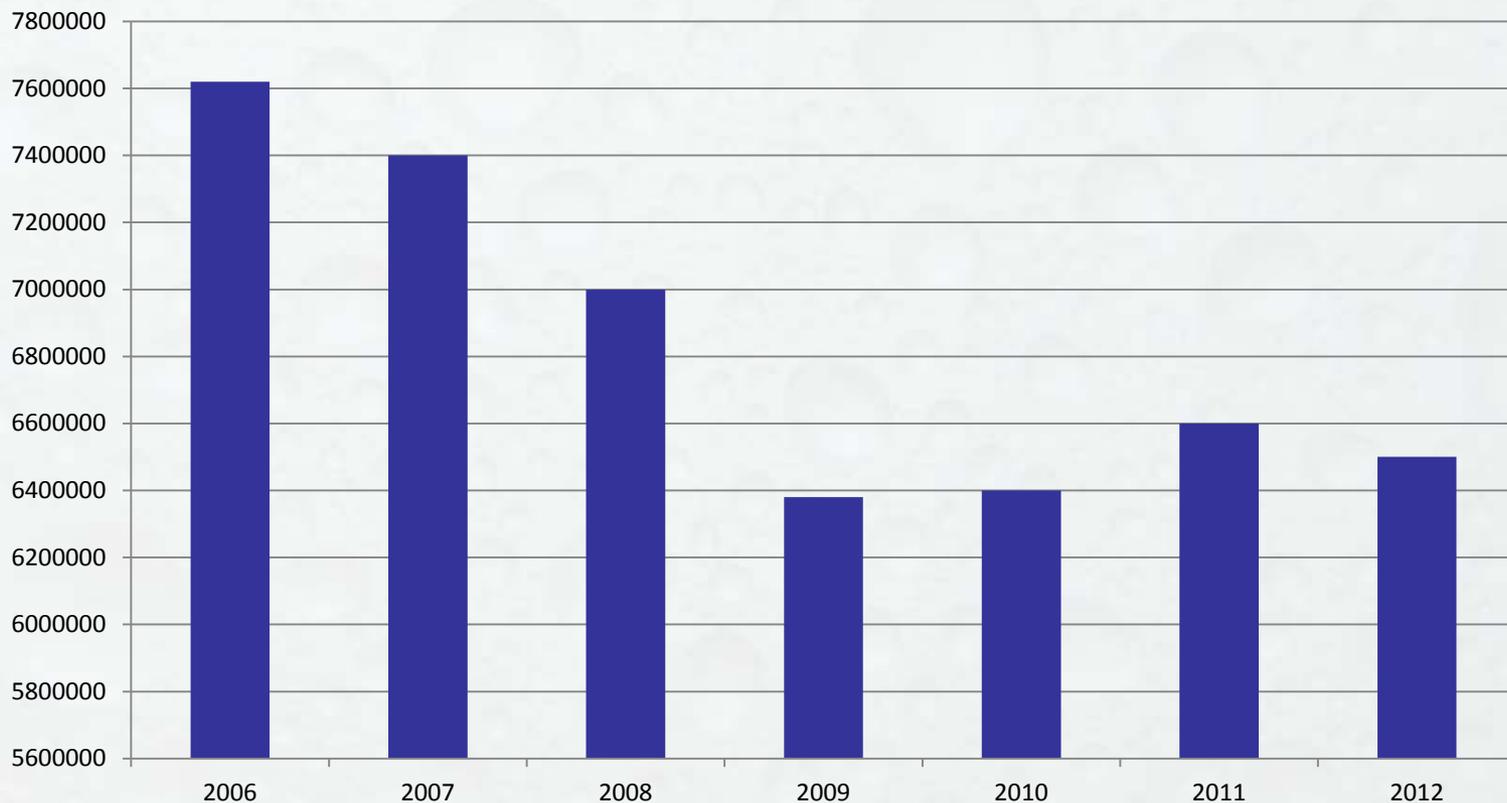
Increase in Demand (MGD) from 2010 to 2030



- Public Water Supply: 148.7
(finished)
- Agricultural Self Supply: 70.4
- Industrial/Commercial: 12.3
- Recreational/Landscape: 3.9
- Power Generation: 21.6

The LEC BEBR 2030 Population Projections over the past 7 years

Projected 2030



BEBR = Bureau of Economic & Business Research

Increase in PWS Finished Water Demand from 2010 to 2030

- Palm Beach: 54 MGD (19 utilities)
 - Broward: 32 MGD (22 utilities)
 - Miami-Dade: 64 MGD (5 utilities)
 - Monroe: 0 (1 utility)
-
- Greater than 90% of the 2030 demand is already allocated.

Emerging Themes

- Flattening demands and lower per capita rates have decreased the need for large system expansions
- The combined permitted water use allocation of 1,176 MGD enables most utilities meet some or all of their future demand without additional projects
- Many AWS projects recommended in the 2005-2006 LEC Plan have been deferred and may not be necessary until after the 2030 horizon
- The Ocean Outfall Rule may be the largest driver for “new” projects in the near term

Proposed Projects from 2011 Annual Utility Reports

- Expansion of reclaimed water systems (15)
- Conservation programs (14)
- Floridan aquifer projects (12)
- Stormwater/Surface water capture (4)
- Recovery/recycling at water plants (2)
- Aquifer recharge or ASR (2)

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Wrap-Up & Next Steps

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Next Steps

Coordination with Utilities

- Distribute and review utility profile sheets
 - Confirm the proposed projects, anticipated costs and capacities
- Complete review of wastewater profiles
- Distribution of draft report sections
 - Review by all stakeholders
 - Chapters 1, 2 and Appendices A, F
 - Available on LEC web page

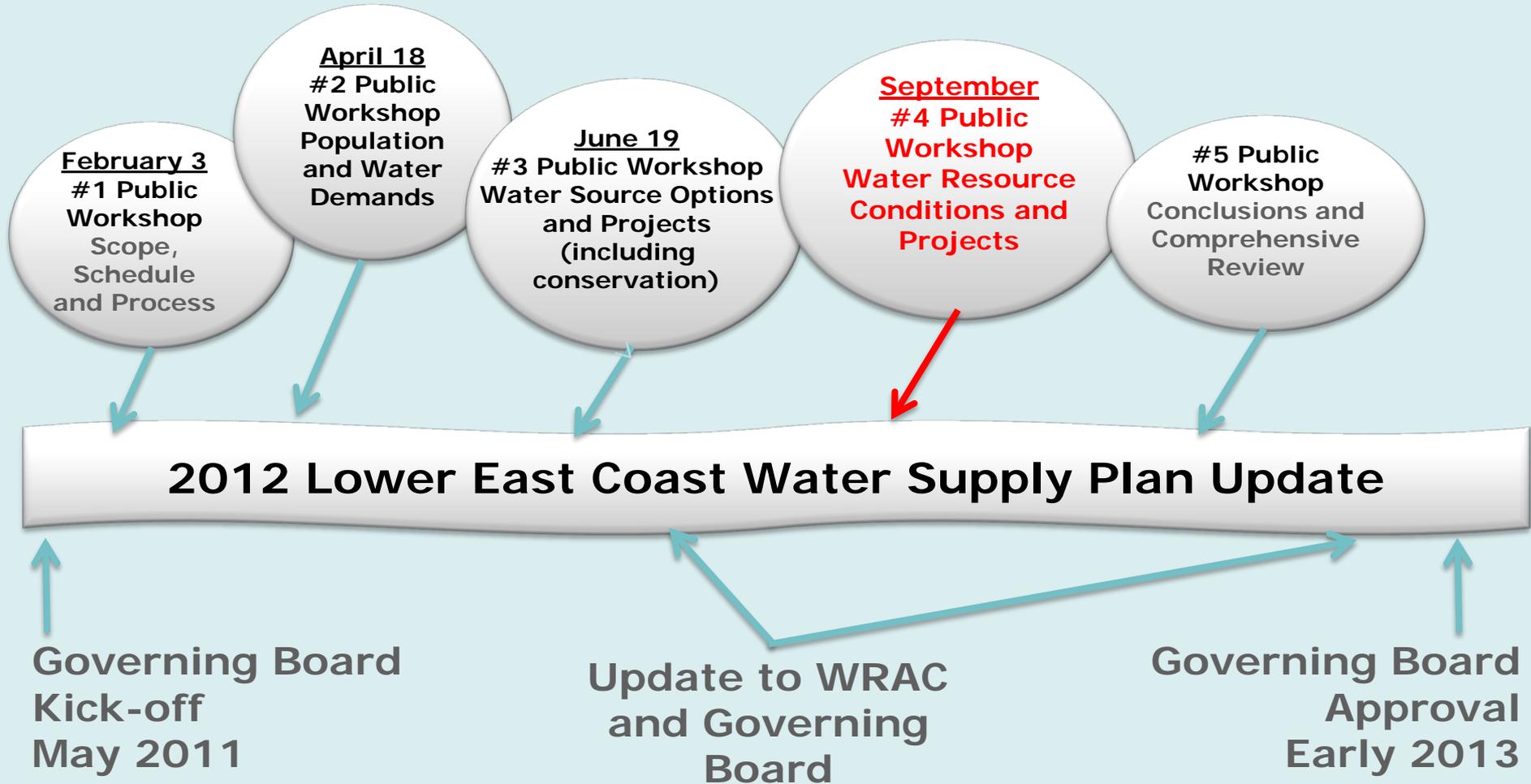
Next Steps (cont'd.)

- Continue correspondence with local governments through public or individual meetings
- Ongoing coordination with Central Everglades Planning Project and Everglades Restoration Strategies

Next WRAC Issues Workshop: *September 2012*

- Summary of issues identified today
- Water Resources of south Florida
- Water Resource Development Projects

LEC Water Supply Plan Update Schedule



Questions?

