

Peace River Regional Water Supply Alliance

Water Conservation Summit
June 24, 2010

WATER
PLANNING
ALLIANCE



Progressive Water Resources
Integrated Water Resource Consultants

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Agenda

- Recap of 2009 Priorities and Approach
- Recent Developments in Water Conservation
- Preliminary SWFWMD Conservation Estimates
- SWFWMD Utility Outreach



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Recent Water Conservation Update

- Water Conservation eligible for State and District funding along with “Alternative Water Supplies”
- SWFWMD Water Conservation Model/Tool
- EPA WaterSense Program
- Green Plumbers USA

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2010 Legislation – State Bill 550

373.1961 (Funding)

Expanded AWS funding to include “quantifiable conservation projects”

Water Protection and Sustainability Trust Fund
25% of Funding to SWFWMD
To be combined with SWFWMD dollars



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2010 Legislation – State Bill 550

373.707 (8)(f) – Funding Considerations

“Significant weight” must be given to certain factors, including:

- Environmental benefit, reduced competition
- Whether permittee has achieved goal-based conservation targets
- Quantity of water supplied as compared to cost (Alliance Priority)

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SWFWMD Water Conservation Model

SWFWMD has developed a water conservation prediction tool which is coincidentally designed to provide estimates of the potential amount of water that can be saved over the next 20 years and the associated investment

Preliminary results will be presented and provided to Alliance members



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EPA WaterSense

- WaterSense is an EPA-sponsored partnership program since 2006 that promotes water efficiency.
- WaterSense partners with manufacturers, retailers and distributors, and utilities to bring [WaterSense labeled products](#) to the marketplace and makes it easy to purchase high-performing, water-efficient products.



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EPA WaterSense

Current WaterSense Products:

- **Toilets**
- **Urinals**
- **Bathroom sink faucets**
- **Showerheads**



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EPA WaterSense

WaterSense Products In the Pipeline:

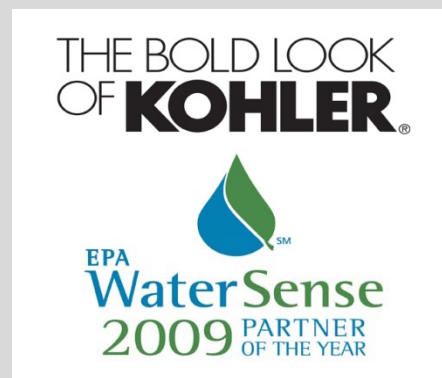
- Pre-rinse Spray Valves
- Landscape Irrigation Controllers
 - Weather-Based
 - Soil Moisture Sensors



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EPA WaterSense Partnerships

WaterSense products are more water-efficient, but not more costly than current Florida Building Code fixtures, and are becoming easier to identify & purchase



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Florida Building Code vs. Water Sense

WaterSense vs. Florida Building Code	
Indoor BMP	Additional Regional SF Water Conservation Potential w/WaterSense
Toilet (gpd)	Up to 59%
Showerhead (gpd)	Up to 25%
Faucet (gpd)	Up to 100%
Washing Machine (gpd)	Up to 52%



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Green Plumbers USA



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Green Plumbers USA

- You have the utilities and the end-user, but somewhere in the middle is the plumber.
- How valuable would it be if the plumbers were part of the water solution?
- What might the economic benefits be to region if it were to establish the capacity and recognition for such water conservation knowledge and leadership?



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Green Plumbers USA Coursework

Five Courses:

- Caring for Our Water
- Water Efficient Technology
- Climate Care
- Solar Hot Water
- Inspection Report Service

Instructors can be certified and expand training in the region and state



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Connecting the Dots

- Conservation is eligible for funding that was formerly reserved for “Alternative Water Supply”
- SWFWMD’s new tool can help Alliance identify quantifiable, cost-effective, conservation BMPs
- EPA WaterSense Labeled products are cost-competitive and readily available
- Green Plumbers can help fill the gap between utilities and end-users “in the field”

Momentum is building, and the economic, water resource, and environmental benefits are aligned



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Recent Water Conservation Update

Questions?

