



Citizens Water Conservation Implementation Task Force Update

Susan Butler, Chair

**Austin City Council
November 5, 2009**

Citizens Task Force Membership

Irrigators

Spencer Carlton
(Landscapes USA)

Commercial

Jody McDaniel
(Greater TX Landscapes)

Industrial

Dan Wilcox
(Spanion)

Developers

Robert Ledbetter
(BOMA Austin)

Multifamily

Gayle Rosenthal
(Rosenthal Properties)

At Large

Susan Butler (CH2MHill)
Margot Clarke (neighborhood assns)
Richard Hatfield (rain harvesting)
Norman Johns (NWF)
Nora Mullarkey (LCRA)
Susan Roth (consultant)

Environment

Jennifer Walker
(Sierra Club)
Vice-Chair

Government

Rusty Osborne
(University of Texas)

Restaurants

Vacant

Hotels

Vacant

Environmental Board – Robin Gary, Mary Ann Neely

Resource Management Commission – Amy Hardberger, Grace Hsieh

Water and Wastewater Commission – Aaron Googins, Sarah Faust

Task Force History

Resolution No. 20060824-061

- Set goal of reducing peak day use by 1% per year for 10 years
- Creates Water Conservation Task Force (WCTF)

Resolution No. 20070503-029

- Adoption of WCTF policy document
- Includes 23 recommendations to meet 1% per year peak savings goal

Resolution No. 20071206-007

- Creates Citizens Water Conservation Implementation Task Force (CWCITF)

Resolution No. 20090806-036 (Aug 6, 2009)

- Tasks CWCITF to recommend additional water conservation measures
 - Progress report due by November 5, 2009
 - Final policy document due by January 1, 2010

Task Force Recommendations

- 10-year Goal: Shave peak use by 1 % per year (25 mgd “peak savings”)
- FY 2008 Goal: Shave peak by 1.18 mgd
- FY 2009 Goal: Shave peak by 8.77 mgd
- 23 recommended measures

Recommendation Status

- Actual peak savings for FY08: **6.4-10.4 mgd**
- Actual peak savings for FY09: analysis underway to determine effect of Stage 2 curtailment vs. long-term conservation
- 9 recommended measures fully implemented
- 9 recommended measures partially implemented or in-process
- 5 recommended measures being researched or in work plan for adoption

Implementation Success

Listed in order of Peak Day Savings	Ten Year Estimated Peak Day Savings	WCTF FY 2008 Projected	FY 08 Actual
Watering Restrictions	6.16	0.00	5.0 to 9.0
Reclaimed Water Use	5.95	0.00	0.00
Utility Water Rates	5.00	0.00	0.00
Reducing Water Loss	4.80	0.00	1.31
Mandatory Toilet Retrofit	2.10	0.29	0.00
Mandatory Irrigation Audits (non-residential)	1.47	0.45	0.00
Residential Irrigation Standards	1.32	0.13	0.07
Commercial Irrigation Standards	0.74	0.07	0.00
Mandatory Irrigation Audits (large residential)	0.63	0.21	0.00
Pressure Reduction Program	0.29	0.03	0.001
Car Washes	0.15	0.00	0.00
TOTALS (MGD)	32.65	1.18	6.4 to 10.4

Progress on 2007 Task Force Items

- ✓ Mandatory watering schedule
- ✓ Expand reclaimed water system
- ✓ Maintain/expand leak detection
- ✓ Fifth tier for high residential water use
- ✓ Expand public outreach programs

Progress on 2007 Task Force Items

- ✓ Incentives for pressure reduction
- ✓ Establish citizens' advisory group
- ✓ Plumbing code changes
 - ✓ Requiring installation of submeters in new multifamily properties
 - ✓ Establishing efficiency standards for cooling towers, car washes, urinal flush volume
 - ✓ Prohibiting once-through cooling, liquid ring vacuum pumps
 - ✓ Irrigation system design & permitting requirements

Citizens Task Force Progress on 2009 Charge

- ✓ Met 8 times on policy document
- ✓ Continued to address 2007 Task Force recommendations
- ✓ Held joint working meeting with Resource Management Commission
- ✓ Added 4 new members to fill vacancies
- ✓ Welcomed 6 designated representatives from boards and commissions
- ✓ Developed work plan and schedule
- ✓ Drafted vision and guiding principles for water conservation efforts

Citizens Task Force Progress on 2009 Charge

- ✓ Identified goals and strategies for:
 - ✓ Indoor conservation for existing and new development
 - ✓ Outdoor conservation for existing and new construction
 - ✓ Industrial, Commercial and Institutional conservation
 - ✓ Reuse/reclaimed water
 - ✓ System development/management
 - ✓ Outreach, public information and education
- ✓ Incorporated ideas from public into strategies

Next Steps

- 5 scheduled meetings remaining in 2009
- Address impediments to conservation, partnerships, funding strategies
- Prioritize strategies
- Review and finalize draft policy document
- Solicit input from Environmental Board & Resource Management and Water & Wastewater Commissions
- Finalize report and submit to City Council
- Requesting additional 60 days



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