



Emergency Water Conservation Regulations - Hotels

June 1, 2015

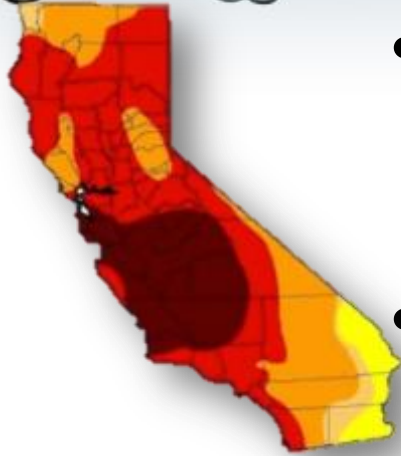


Overview

- State Regulations
- Local Regulations
- What does this mean for hotels
- Tips and Resources



Background



- July 2014: State instituted outdoor water regulations
- Sept. 2014: City Council declares Stage B (10%) of Emergency Water Conservation Program
- April 2015: Gov. Jerry Brown issues mandatory statewide water restrictions
 - \$10,000 per day for non-compliance



Background

- April 7: State Water Resources Control Board issues draft regulation
- April – May 2015: Revised Draft Regulations
 - Beverly Hills target 36%
- May 2015 City Council approved Stage D (30%) of the City's emergency water conservation program



Regulations

Regulations Relevant to Hotels:

- Notify patrons & employees of water conservation goals
- Restaurants can only serve water to customers on request
- Signage in City and hotel bathrooms
- Refilling of pools and spas limited to topping off
- Hotels must provide guests with the option of not having towels and linens laundered daily
- Refilling of pools limited to topping off to maintain systems



Regulations

Regulations Relevant to Hotels:

- Operation of water fountains is prohibited unless it a recirculating fountain
- Exterior washing down of buildings and vehicles is prohibited unless:
 - Washing is done on the immediate premises of a commercial car wash or commercial service station; or
 - Using reclaimed wastewater; or
 - Health and safety reasons



Regulations

- Landscape irrigation limited to twice per week

Beverly Hills Watering Schedule

What are my watering days under the City's 2-day outdoor watering schedule?

Residents Living	Mon	Tue	Wed	Thu	Fri	Sat	Sun
North of Santa Monica Boulevard			NO WATERING WEDNESDAY	NO WATERING THURSDAY			NO WATERING SUNDAYS
South of Santa Monica Boulevard			NO WATERING WEDNESDAY	NO WATERING THURSDAY			NO WATERING SUNDAYS

Water conservation in Beverly Hills is mandatory. Limit your outdoor watering to 2 days a week, 8 minutes per station, before 9 a.m. or after 5 p.m.



Regulations

- Reduce water use by 30%
- Penalty surcharges will be assessed for excess water usage
- Progressive fines for violation Stage D restrictions (\$100, \$200, \$500, \$1,000)



Hotel Water Usage Statistics

- Hotel Rooms:
 - 60 gallons per day per two persons per room with private bath
- Restaurant Water Use:
 - 2-10 gallons per day per customer



San Antonio – Case Study

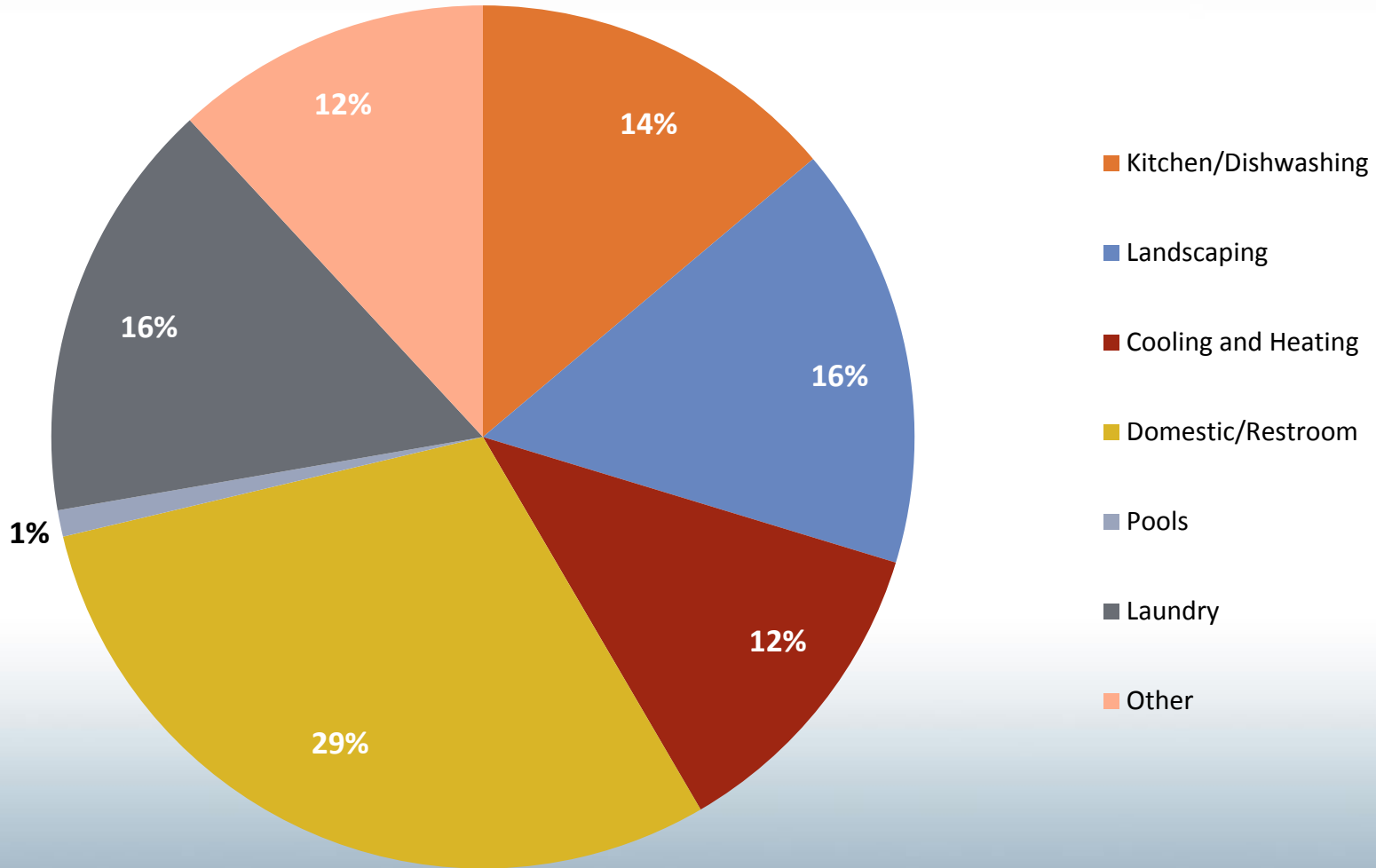
Table 1. Holiday Inn's Fixtures and Fittings Retrofits

Fixture/Fitting Replaced	Original Efficiency	Retrofit Efficiency	Number of Units Replaced
Toilets	3.5 gallons per flush (gpf)	1.1 gpf	297
Toilets	5.0 gpf	1.1 gpf	100
Faucet Aerators	2.2 gpm	1.5 gpm	397
Showerheads	2.5 gpm	1.75 gpm	397

- 397 guest rooms
- 236,000 sq. ft. building
- Water Savings: 7 million gallons of water per year
- Cost Savings: \$68,000 in water, sewer and energy costs per year



Water Usage in Hotels





Useful Tips - Indoors

- Assess toilets and other appliances for leaks and fix as soon as you notice them

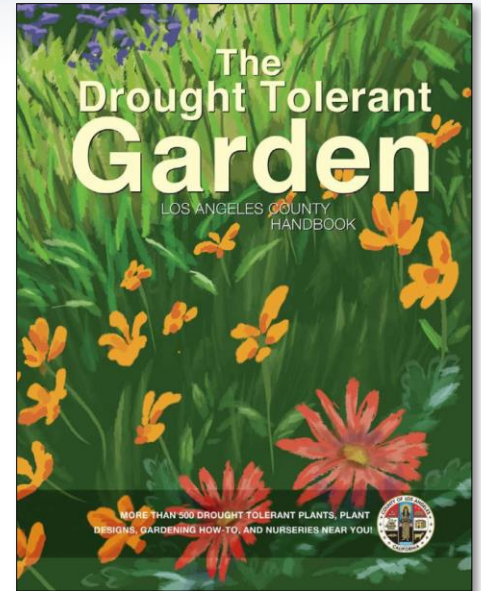


- Wash only full loads in dish washers and washing machines
- Serve water upon request
- Promote linen-reuse program
- Replace items with high efficiency devices
- Rebates are available



Useful Tips Relevant to Hotels

- Use a broom to clean walkways, driveways, and entrances rather than hosing off these areas
- Plant gardens using water-wise gardening techniques and plants
- Irrigate with gray water
- Adjust sprinklers to prevent runoff





Resources

- Public Works Customer Service:
 - (310) 285-2467
- Beverly Hills conservation website
 - www.beverlyhills.org/conservation
- For more information on rebates:
 - www.Bewaterwise.com
 - www.Socalwatersmart.com
 - www.epa.gov/watersense/challenge