

# Cachuma Project Water Rights Hearing

October 2003

## Panel III

Presenter:

**Kate Rees**

Manager

Cachuma Conservation Release Board

**URBAN WATER  
CONSERVATION PROGRAMS  
FOR THE  
CACHUMA PROJECT  
MEMBER UNITS**



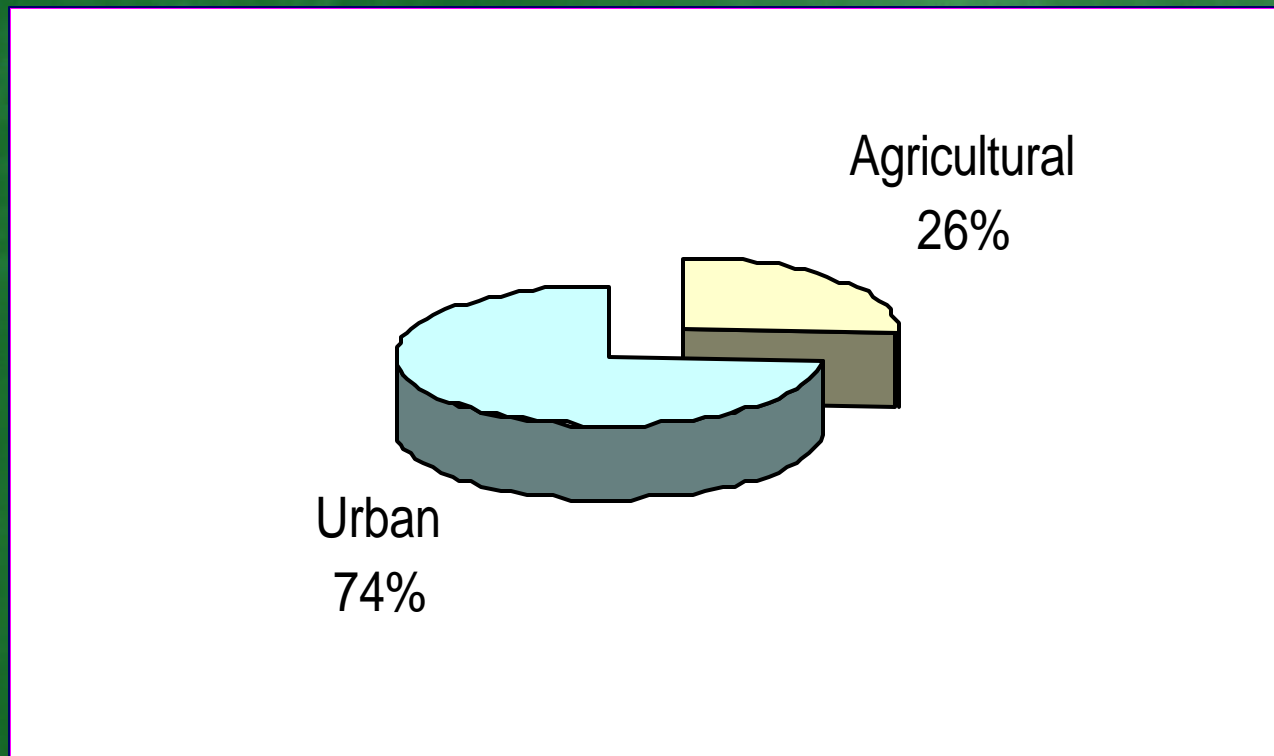
# Introduction

- Member Units are long-time leaders in water conservation.
- All Member Units are signatories to the CUWCC MOU and are implementing the BMPs over time.
- Each has an established water conservation program in place.
- City of Santa Barbara and Goleta Water District have the most comprehensive conservation programs.
- All Member Units participate in the County Water Agency's regional program.

# Cachuma Entitlements

Urban vs. Agricultural - Water Year 2002-03

Total Entitlement: 25,714 acre-feet

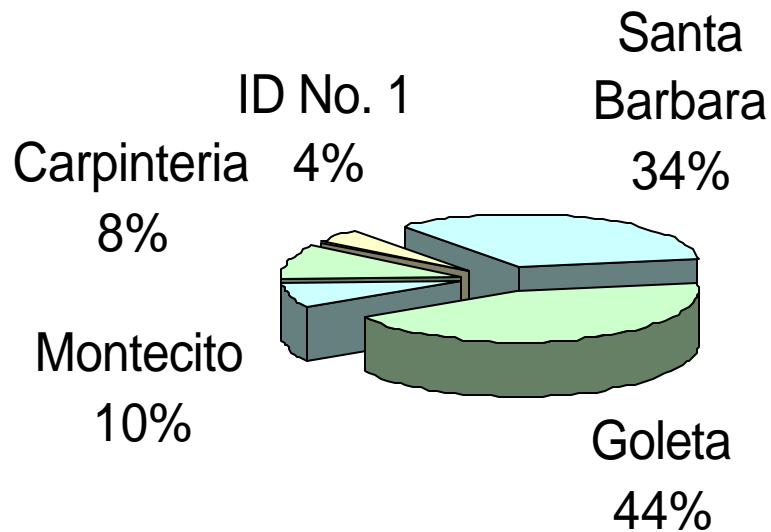


# Cachuma Entitlements

## Urban Water Use - Water Year 2002-03

Total Urban Entitlement: 19,031 acre-feet

Total Entitlement (Urban & Ag): 25,714 acre-feet





# Overview of Water Conservation Programs

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- **Early Water Conservation Programs**
- Drought Programs
- Water Rates
- Development of Long-Term Water Conservation Programs

# Early Water Conservation Programs

- **Conservation Measures in the 1970's**
  - New Water Service Moratoriums
  - Allocation Systems Limiting Use Initiated
  - Water Saving Fixtures Required for New Construction
- **Water Conservation Programs in the 1980's**
  - ULF Toilet Rebate Program
  - Residential Plumbing Retrofit Program
  - Public Information
  - Sustainable Landscape Fair
  - Water Awareness Month
  - School Education
  - California Irrigation Management Information System (CIMIS)
  - Large Landscape Audits
  - Water Wise Demonstration Gardens



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# Drought Programs

- Santa Barbara County Experiences Cyclical Drought
- Water Conservation Drought Programs Initiated in Response to 1986-92 Drought
  - Significant Increase in Water Rates
  - Water Use Restrictions
  - Residential Water Audit Program
  - Use of Graywater
  - Reduction on Water Served in Restaurants
  - Water Bill Inserts
  - Drought Public Information Workshops
- Regional Drought Management Plan Developed

# Overview of Water Conservation Programs

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# Water Rates

- High Water Rates Encourage Water Conservation
- All Water Is Metered Within Cachuma Member Units Service Areas - Metered Water Use Since Early 1920's
- Member Units Raised Water Rates Significantly During the 1986-92 Drought
- Water Rate Structures Were Changed
- **Water Rates Have Remained Extremely High**



# Urban Water Rates for Cachuma Member Units

MEMBER UNIT	WATER RATES IN HCF			TYPICAL WATER BILL
	Single Family	Multi-Residential	Meter Charge	Based on SF Rates for 10 hcf Used in One Month Period
<b>Carpinteria Valley</b>	1.95 per hcf	Same as SF	23.86	$19.50 + 23.86 = 43.36$
<b>Goleta</b>	3.29 per hcf	Same as SF	8.20	$32.90 + 8.20 = 41.10$
<b>Montecito</b>	3.05 per hcf	Same as SF	21.69	$30.50 + 21.69 = 52.19$
<b>City of Santa Barbara</b>	2.31 1-4 hcf 3.86 5-20 hcf 4.08 >20 hcf	2.31 1-4 hcf 3.86 5-12 hcf 4.08 >12 hcf	6.07	$9.24 + 23.16 + 6.07 = 38.47$
<b>SYRWCD ID No. 1</b>	1.70 per hcf	Same as SF	19.30	$17.00 + 19.30 = 36.30$

# Overview of Water Conservation Programs

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- Early Water Conservation Programs
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# Development of Long-Term Water Conservation Programs

- State CUWCC MOU and BMPs
- Reclamation Water Conservation Plans
- System Improvements
- Ultra Low Flow Toilet Replacement & Plumbing Fixture Retrofit
- **Landscape & Water Use Efficiency Programs**
- Public Information Programs
- Educational Programs
- Participation in State and National Committees, Conferences and Workshops



# Landscape & Water Use Efficiency Programs

- ULF Toilet Replacement & Plumbing Fixture Retrofit
- **TRAK ET Controller Distribution**
- Commercial Rinse & Save Program
- CIMIS
- Green Gardener Certification Program
- Water Wise Demonstration Gardens



# Water Use Efficiency Programs

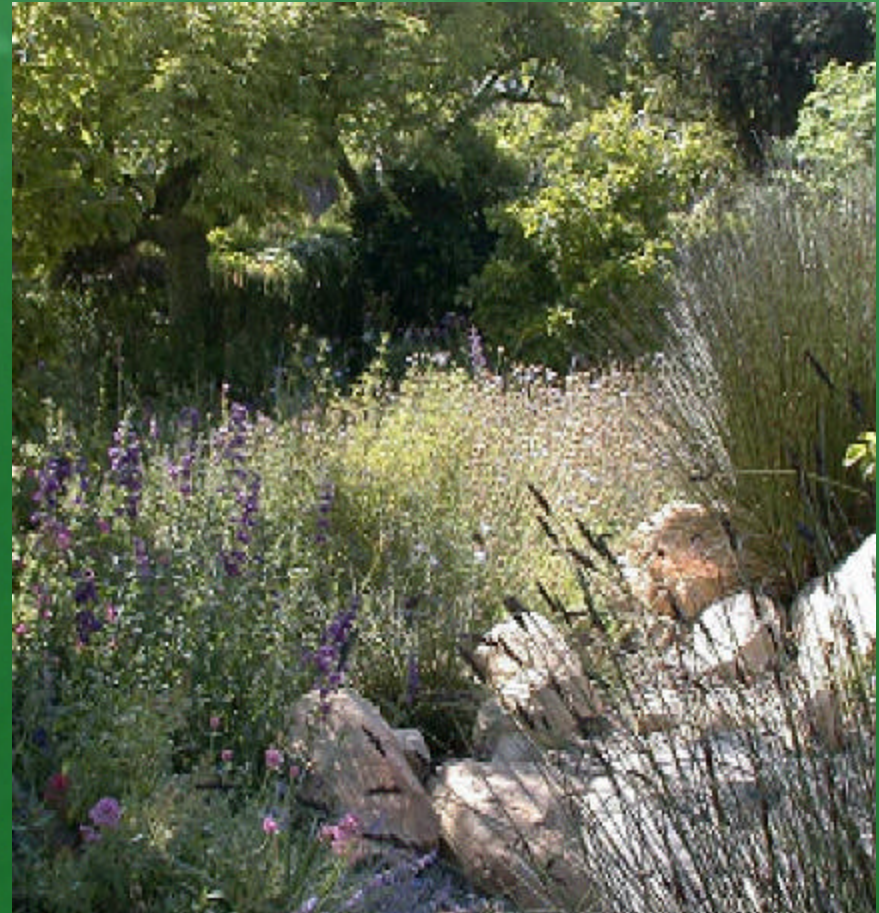


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# Water Use Efficiency Programs

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- TRAK ET Controller Distribution
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- Green Gardener Certification Program
- **Water Wise Demonstration Gardens**





# Conclusion

- Effective water conservation programs for more than 30 years.
- Permanent conservation measures have remained in place since 1986-92 drought.
- Water demand still significantly lower than before the drought.
- High water rates serve as a major incentive to conserve water.
- Efficient urban water use and significant level of conservation already achieved.
- Commitment to mandatory and voluntary water conservation measures into the future.

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