

APPENDIX A-1

**SEPTEMBER 2005 COMMUNITY ROUNDTABLE
PRESENTATION SLIDES**

	Hey Redwood City! Got Water?
	2005 Urban Water Management Plan Update Community Roundtable Sept. 21 & 24, 2005

	Hey Redwood City! Got Water?
	<ul style="list-style-type: none">☛ Welcome☛ Hand-outs☛ Introductions☛ Roles for this meeting

	Hey Redwood City! Got Water?
	Meeting Purpose <ul style="list-style-type: none">• To build on the City's ongoing commitment to community engagement by providing an opportunity for Redwood City residents to explore and discuss core policies reflected in the UWM Plan and provide thoughtful input to be used in updating the Plan, so that it reflects community values.• To build on community input gathered in recent public forums that addressed the issues of water supply and demand

	Hey Redwood City! Got Water?
	Desired Outcomes <ul style="list-style-type: none">• Community members will have participated in this planning process and questions raised during this meeting will be considered as the Plan is updated• Residents will better understand issues related to water resource management• The final Plan will reflect the will and values of the community

	Hey Redwood City! Got Water?
	Overview of Agenda (Hand-out)

	Hey Redwood City! Got Water?
	Process Map (Hand-out) <ul style="list-style-type: none">☛ How and when you can give your ideas☛ Schedule☛ Decision-making – who and when?☛ Linkage to General Plan update

	<p>Hey Redwood City! Got Water?</p>
	<p>Current UWM Plan</p> <ul style="list-style-type: none"> • Urban Water Management Planning Act of 1984 • 2001 update – Added Water Use Forecast 2000 – 2020 • 2003 update – Added “Active Conservation” and Recycled Water • 2005 – Next update of Plan <p>Refer to “Policy Assumptions” (hand-out)</p>

	<p>Hey Redwood City! Got Water?</p>
	<p>First, some definitions and “water words”</p> <ul style="list-style-type: none"> • “Acre Feet / Yr” • “Supply Reliability” • “Demand” – current/future (“projections”) • “Contract” with SF • “Landscape Irrigation” uses / meters • “Recycled water”

Hey Redwood City! Got Water?

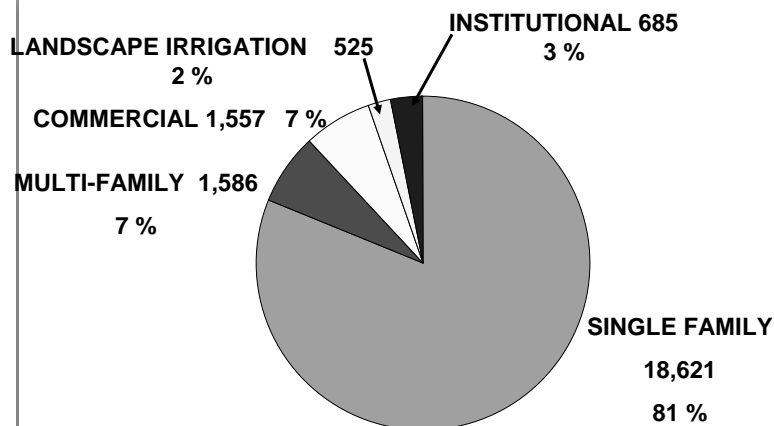
What is our water supply situation?

- 100% of our drinking water is from the Hetch Hetchy regional water system
- System will reach capacity by 2010
- Contract expires in 2010



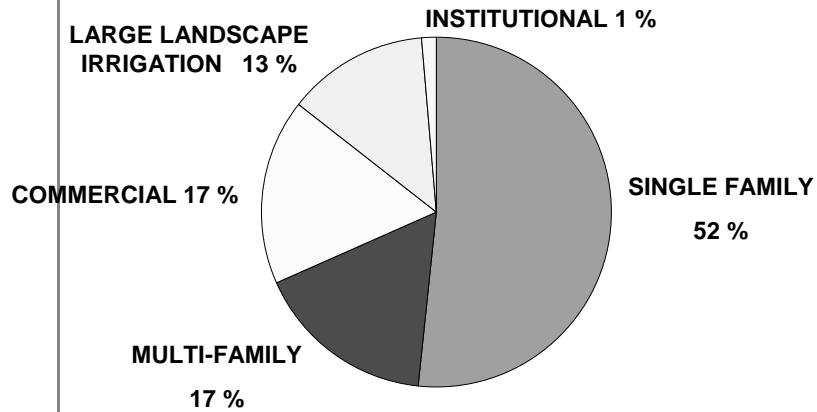
Hey Redwood City! Got Water?

Who are our customers?



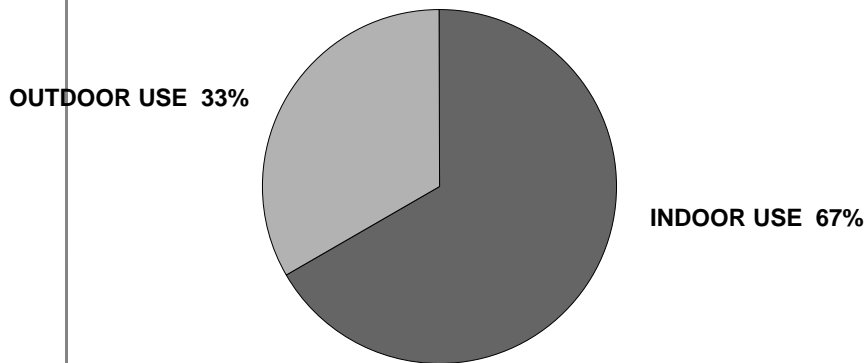
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Who is using the water now?



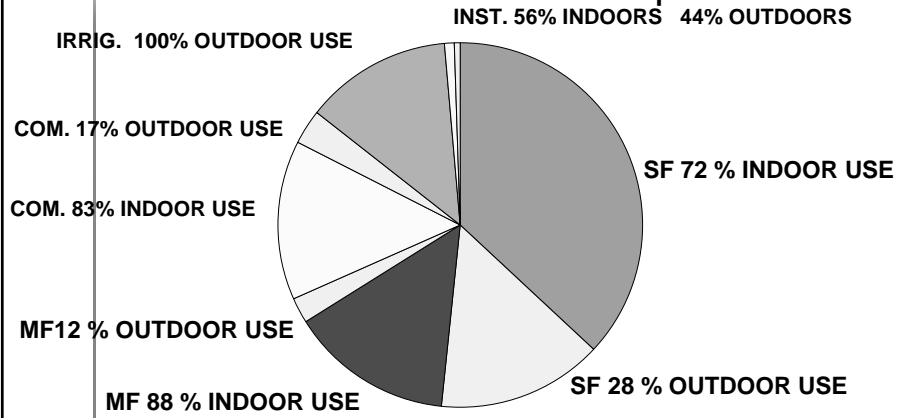
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What is the indoor / outdoor split?



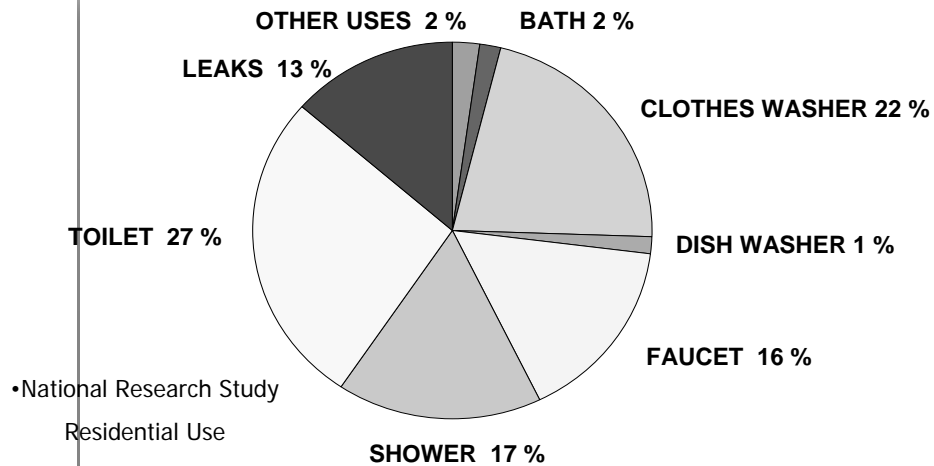
Hey Redwood City! Got Water?

What is the indoor / outdoor split?



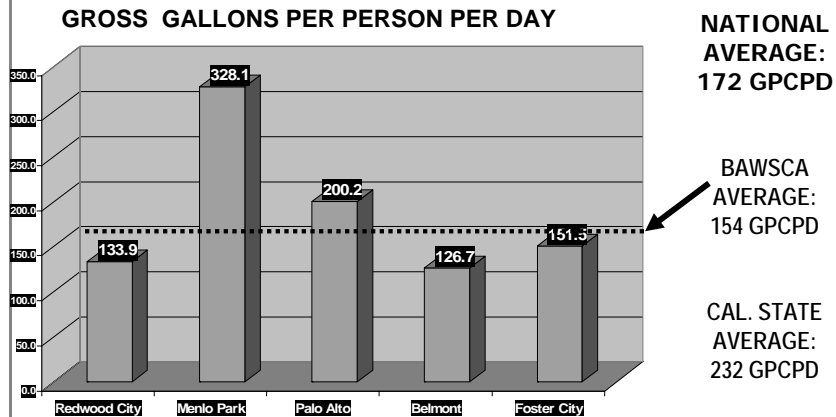
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How is water used indoors? *



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How efficient are we in our water use?



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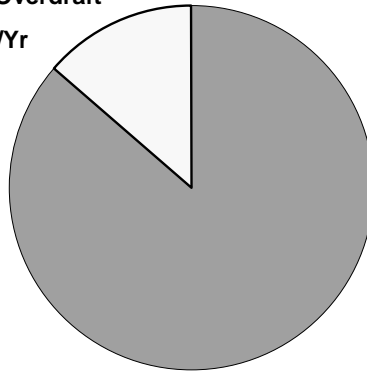
Conclusions:

- Redwood City's per person water use is less than State and Regional averages
- Indoor Conservation Programs are increasing water use efficiency
- Outdoors water savings potential 15%-20% needs to be realized with an aggressive strategy

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What was the projected supply problem?

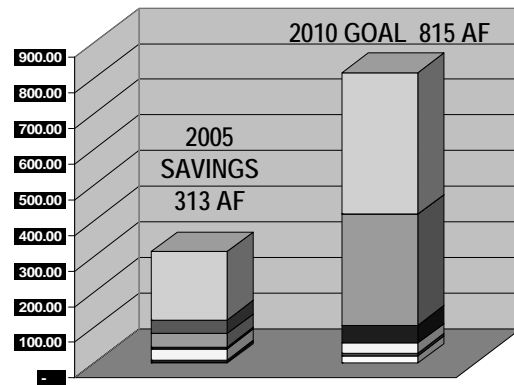
Projected 2010 Overdraft
1,935 AF/Yr



Redwood City
Supply Assurance
From Hetch Hetchy
12,243 AF/Yr

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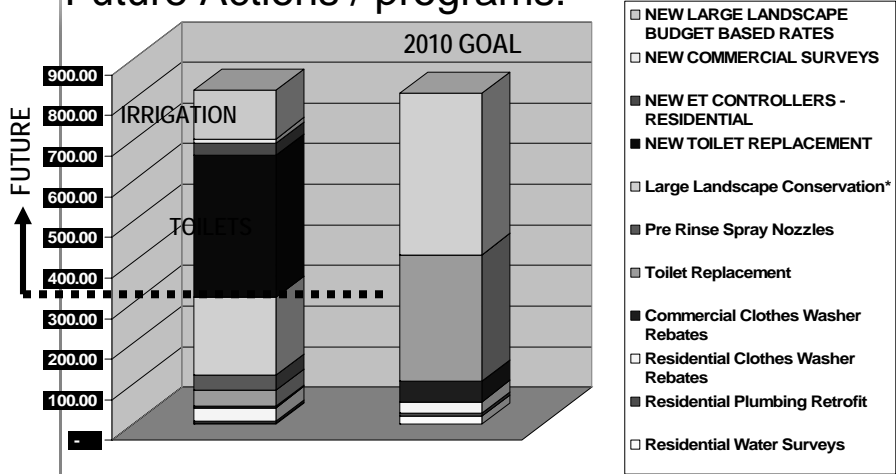
Actions / programs in place now:



- Large Landscape Conservation*
- Pre Rinse Spray Nozzles
- Toilet Replacement
- Commercial Clothes Washer Rebates
- Residential Clothes Washer Rebates
- Residential Plumbing Retrofit
- Residential Water Surveys

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Future Actions / programs:



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Closing the gap: Recycled water

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By 2010 we'll be saving:

815 acre feet
of drinking
water through
**active
conservation**

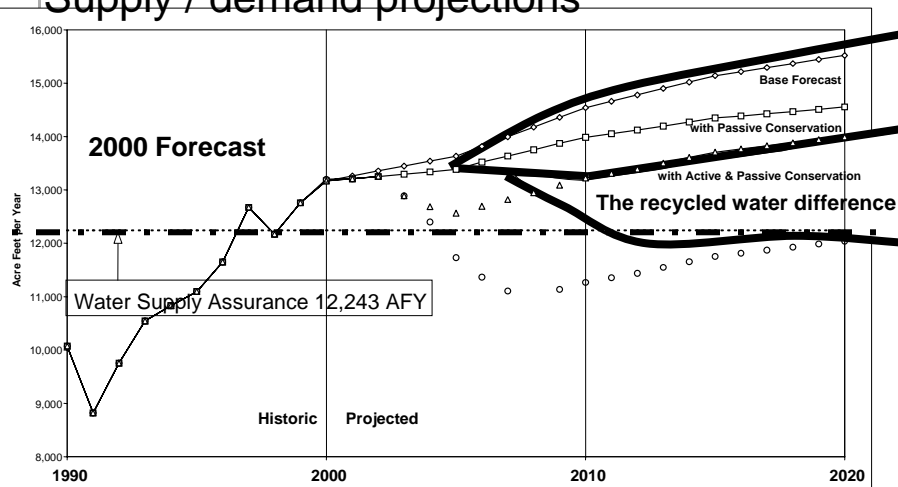
900 acre feet of
drinking water
through use of
recycled water

Total
1,715
acre feet



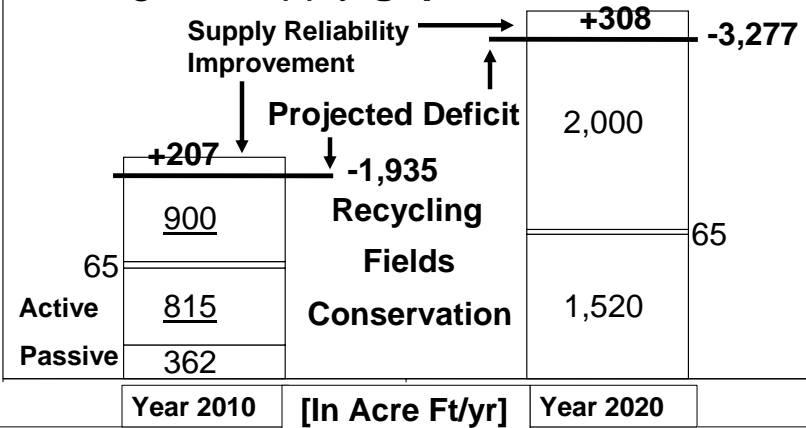
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Supply / demand projections



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Closing the supply gap



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Who is paying for:

- Current supply / services?
- Conservation?
- Future / new supply (recycled water)?
 - ✓ 56% of costs or 1,100 AF/yr: Existing customers
 - ✓ 44% or \$37M: Future customers, or about \$9,500 per new MF unit

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Why is supply “reliability” important?

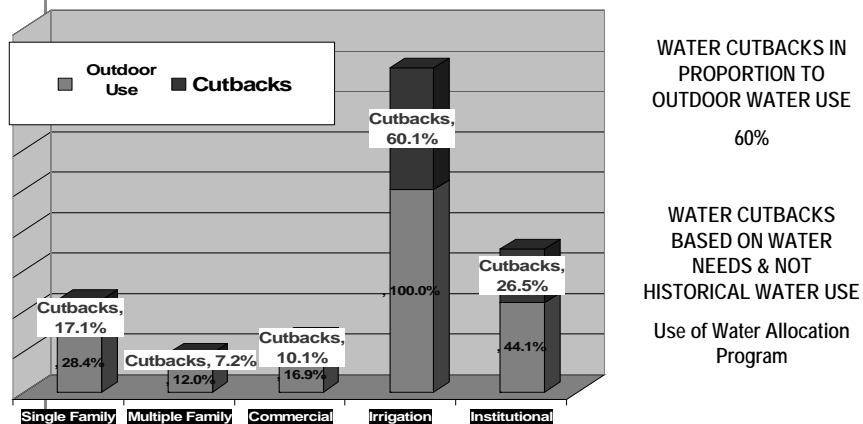
Reliability = Water supply exceeds water needs in normal supply conditions, such that drought impacts are mitigated

Higher reliability will result in:

- *Less severe cutbacks during drought*
- *Less risk of damaging shortages to existing institutions and businesses*
- *Lower losses of irrigated landscapes*

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20% Drought cut-back scenario



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	<p>What can be done about water wasters? Suggested Policy: <i>Water for maximum beneficial use by eliminating water waste.</i></p> <p>Prohibitions:</p> <ul style="list-style-type: none"> • Irrigation run-off and unreasonable overspray • Non-repaired leaks or breaks • Use of a water hose without a shut-off nozzle • Hosing of hard surfaces & other.... <p>Enforcement: Notification / Penalties / Termination of service.</p> <p>Exceptions: Fire fighting; Water quality flushing & sanitation; Use of private wells or rain water.</p>

	<p>Hey Redwood City! Got Water?</p>
	<p>New / future development</p> <ul style="list-style-type: none"> • SB610 – <i>Water Supply Assessment</i> before CEQA • SB221 – <i>Water Verification</i> at sub-division map • Redwood City’s approach

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☞ Thank you!!!

☞ Small group break-outs:

- Water Supply & Projected Demand
- Water Supply Reliability
- Supply & Potential New Development