

Cachuma Project Water Rights Hearing

November 2003

Rebuttal Testimony

Presenter:

Steve Mack

Water Supply Manager
City of Santa Barbara



Review Impacts of Alternative 3A2

- Require large reduction in draft to approximately 16,400 AFY
- Difference of over 9,300 AFY (36%)
- Impacts both normal year and drought year supplies



**Table 1. Summary of Cachuma Project Member Agencies
Current Normal Year Water Supplies (acre feet per year) (Alt 3A2)**

	City of SB	Goleta	Carpinteria	Montecito	ID#1	Total
Cachuma Project	5,279	5,945	1,794	1,691	1,691	16,400
State Water	2,200	4,500	1,650	2,280	525	11,155
Local Groundwater	1,104	2,350	3,000	200	2,910	9,564
Recycled	900	1,500				2,400
Other SYR&Tunnels	5,719			2,375		8,094
Total	15,202	14,295	6,444	6,546	5,126	47,613
Current Year Demand	14,342	14,000	4,300	6,073	5,792	44,507
Planned Future Demand	18,200	17,300	5,833	6,835	6,619	54,787
% Shortage (Current Year Demand)	6%	2%	50%	8%	-12%	7%
% Shortage (Planned Future Demand)	-16%	-17%	10%	-4%	-23%	-13%



**Table 2. Summary of Cachuma Project Member Agencies
Critical Drought Year Water Supplies (acre feet per year) (Alt 3A2)**

	City of SB	Goleta	Carpinteria	Montecito	ID#1	Total
Cachuma Project	2,491	2,805	846	798	798	7,737
State Water	1,650	3,725	1,100	1,650	350	8,475
Local Groundwater	4,150	2,350	4,650	400	3,770	15,320
Recycled	900	1,500				2,400
Other SYR&Tunnels	800			442		1,242
Desalination	3,125					3,125
Total	13,116	10,380	6,596	3,290	4,918	38,299
Current Year Demand	14,342	14,000	4,300	6,073	5,792	44,507
Planned Future Demand	18,200	17,300	5,833	6,835	6,619	54,787
% Shortage (Current Year Demand)	-9%	-26%	53%	-46%	-15%	-14%
% Shortage (Planned Future Demand)	-28%	-40%	13%	-52%	-26%	-30%



Summary

- Reduction in normal year draft is significant
- ID#1 has shortage in normal years
- Future planned growth has significant shortages in normal years
- Shortages are greater in dry periods
- Even mild droughts could have large shortages
- Impacts use of supplemental supplies; GW cannot make up the difference
- State Water deliveries are reduced
- Water conservation cannot make up difference



End

Cachuma Project Water Rights Hearing

main menu

