

Environmental Water Account Portfolio
Straw Proposal
 April 25, 2000

Introduction										
The straw proposal builds upon the federal preference for b(2). Offsets, resets, and the 450 cap on WQCP impacts are all assumed.										
However, in contrast to the federal preference, surplus capacity at Banks is assumed to be shared 50% EWA, 25% SWP, and 25% CVP.										
As proposed, the EWA would have the capability to modify export patterns by 473 kaf per year on average.										
Compared to the federal preference on b(2), CVP supplies would increase by 139 kaf per year on average.										
Compared to the federal preference on b(2), SWP supplies would increase by 44 kaf per year on average.										
The proposal assumes the existence of criteria to limit the EWA's right to borrow water from the Projects to assure minimal Project risk										
"Source Shifting" represents a temporary delay in some SWP deliveries until after San Luis low point in August.										
"San Luis Storage" represents the storage of EWA water using empty SLR storage space										
"Prebanking" represents multi-year storage of EWA water within local districts until time of need.										
Baseline Assumptions										
(Based on CALFED gaming years 1981 - 1988)										
Level of Development	1995	b(2) Baseline		D1485						
Refuge Water Supply	Level 2	Base b(2) Fish Benefit (TAF)		800						
Trinity Flow (TAF/year)	Var. 369 - 815	Delta Smelt BO		1:1						
American River	D893	COA		Current Assumptions						
Asset Assumptions										
	Capability	Projected Average Use	CVP			SWP		Fish	Unit Cost	Total
	(TAF)	(TAF)	EWA	Share	Supply Improve	Share	Supply Improve	Benefit (TAF)	(\$/AF)	(\$ million)
Surplus Export Capacity (JPOD) ¹	240	240	50%	50%	120			120	15	1.8
Banks (500 cfs)	50	50	50%			50%	25	25	15	0.4
E/I Flex	30	30	100%					30	15	0.5
Borrow Project Water	Depends	150	100%					--	--	--
San Luis Storage	Depends	20	100%					--	--	--
SWP Gain	76	76	50%	25%	19	25%	19	38	30	1.1
Source Shifting										
MWD	90	50	100%					--	50	2.5
Semitropic	100	25	100%					--	200	5.0
Prebanking (storage capacity)										
MWD ²	100	100	100%					--	--	9.5
Vidler ³	100	100	100%					--	--	10.0
Other	100	0	100%					--	--	--
Water Purchase (Average)										
NOD (includes conveyance)	Schedule ⁵	50	100%					50	85	4.3
SOD	Schedule ⁵	90	100%					90	150	13.5
Option Purchase ⁴										
NOD (includes conveyance)	200	60	100%					60	85	5.1
SOD	200	60	100%					60	150	9.0
TOTAL					139		44	473		62.6
¹ Used to pay off borrowed water and to prebank water in available storage.										
² Costs based on \$50/AF of storage plus \$150/AF for 30 TAF of annual put and take.										
³ Costs based on \$50/AF of storage plus \$200/AF for 25 TAF of annual put and take.										
⁴ Average benefit based on exercising 200 TAF of purchase both NOD and SOD 3 out of 10 years.										
⁵ 100/75/75/75/50 W,AN,BN,D,C										