13886

DRAFT - Environmental Water Account Short-Term Matrix
October 2000 - September 2001

EWA Component	Asset	Benefits	Cost	Issues	Linkage	Schedule	Probability/To Do
A. Water Acquisitions (Fixed Assets)	1. Federal Water Purchase	75-100 TAF	$130-200/AF	Funding; Env. Doc. Storage, conv.&availability of water	Carry Year 2000 option to 2001; storage & conv.	October 1, 2000	Good - Assign responsibility for purchase; acquire funds
	2. State Water Purchase	75-100 TAF	$130-200/AF	Same as A.1	Need storage and conveyance	October 1, 2000	Good - Assign responsibility for purchase; acquire funds
	3. San Joaquin Purchase	40-100 TAF	$60/AF	Long-term commitment; desire for in-basin benefits	Need storage and conveyance	October 1, 2000	Good - Assign responsibility for purchase; acquire funds
	4. Demand Shifting	50- 100 TAF	$25- 100/AF	Lead time and payback	Address San Luis low-point	October 1, 2000	Good - Assign responsibility for purchase; acquire funds
B. Operational Flexibility (Variable Assests)	1. Export/Inflow Ratio	TBD	Minimal? - Energy differential; water payback	S.Delta water levels,fish impacts; water quality;water recovery	South of delta storage and conveyance capacity	In effect; SWRCB notification needed & other regulatory approval	Good -- Find storage; obtain regulatory approval
	2. Additional 500 cfs	90 TAF	Minimal? Same as B.1 and conveyance	Same as B.1	Same as B.1	October 1, 2000	Good - Continue coordination with agencies
	3. Recapturing B2 Water	up to 200 TAF	Minimal? Energy & conveyance	Loss of SWP water source	Same as B.1; CVPIA and ERP water acquisitions	TBD - Requires COA negotiation/revision	Low - Start/Complete negotiations between DOI and DWR
	4. Sharing SWRCB Obligation Water	TBD - SWRCB assumes little benefit	TBD - Energy, conveyance and storage costs	Loss of SWP water source; real water may not be generated; Dependent upon SWRCB decision	Same as B.1	TBD - Requires COA negotiation & revision; SWRCB decision schedule	Low - Start negotiations between DOI and DWR
C. Conveyance	1. SWP/CVP 400 cfs Intertie	Up to 120 TAF	$10 M cap cost / $1.5M annual O&M	Decrease of yield in dry periods; S.Delta water levels; COA provisions	South of delta storage needed	2 years for env. Doc., ESA consult. , design & construction	Good - Develop project proposal
	2. Joint Point of Diversion	TBD	Minimal? Energy, conveyance and storage costs	Priority for EWA use; storage space; CVP contractor impact	Coordination with ERP and CVPIA water	October 1, 2000	Good - Initiate agreements between CALFED agencies
D. Storage	1 San Luis	Up to 100 TAF	TBD - Pumping and conveyance costs	Institutional, contractual and legal	400 cfs intertie; SJR purchases	TBD - October 1, 2000?	Fair - Investigate constraints; conduct negotiations
	2. Lease Southern Storage	TBD - 100 TAF?	Same as D.1	Need to acquire water rights for storage?	Same as D.1	TBD - October 1, 2000?	Fair - Initiate negotiations and acquire contracts;
	3. Groundwater	TBD	$100-400/AF ($270/AF)	Availability of water; local ordinances on exportation	Conveyance capacity at SWP and CVP	TBD - October 1, 2000?	Fair - Initiate negotiations; acquire water supply
E. Assurances	1. Full/No Assurances			Paper to be developed addressing benefits			