

Attachment 1

PHASE 1 ALTERNATIVES EVALUATION WITH WEIGHTING																				
Criteria	Water Reliability and Sustainability			Flexibility and Resiliency				Schedule and Implementation				Water Quality	Environmental and Social Stewardship		Economic and Financial				Total Score	
	Contribute to a sustainable dry year water supply.	Provide reliable water supply, treatment and transmission infrastructure that meets long-term operational needs under average- and maximum-day demand conditions.	Improve the ability of water storage and delivery to withstand natural hazards.	Retain flexibility of District operations.	Improve the resilience of District operations to adapt to changing conditions, including climate change effects.	Integrate well with regional water systems.	Minimize complexities of system operations and hydraulics.	Implement the project in a timely manner, consistent with framework identified in the SWSA.	Reduce regulatory complexity.	Preserve options for future conveyance systems between Cotati Tanks and the District's facilities.	Minimize construction complexities.	Design improvements to meet current and foreseeable future drinking water regulations with a margin of safety.	Minimize long term environmental impacts relative to other conveyance alternatives.	Minimize disruption to existing land uses to the extent practical.	Minimize capital costs for the District's customers relative to yield.	Minimize life-cycle costs for the District's customers relative to other conveyance alternatives.	Integrates well with existing infrastructure.	Leverage federal and state investments in infrastructure.		Minimize financial risk.
Criteria Weighting	5	5	3	3	3	3	4	4	3	3	3	5	2	2	4	4	4	5	2	
STS-1	1	1	2	1	1	2	2	1	1	2	1	2	3	1	1	3	1	2	2	104
STS-2	1	1	2	1	1	2	2	1	2	2	1	2	3	1	1	3	1	2	2	107
STS-3	1	1	2	1	1	2	2	2	2	2	2	2	3	2	1	3	1	2	2	116
STAF-1	1	1	1	1	2	1	1	2	2	1	1	2	2	2	2	3	3	1	2	108
STAF-2	1	1	1	1	2	1	1	2	2	1	1	2	2	2	2	3	3	1	2	108
STAF-3	1	1	1	2	3	1	1	2	2	2	1	2	2	2	2	3	3	1	2	117
PETA-1	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	127
PETA-2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	127
PETA-3	2	2	2	3	3	2	1	2	2	2	2	2	2	2	2	2	3	2	2	140
PETA-4	3	3	3	3	3	3	2	1	2	2	2	2	2	2	2	1	3	3	3	159
COTATI-1	3	3	3	3	2	2	2	1	2	2	2	2	1	2	2	1	1	2	1	134
COTATI-2	3	3	3	3	2	2	2	1	2	2	2	2	1	2	2	1	1	2	1	134
COTATI-3	3	3	3	3	3	2	2	1	2	3	2	2	1	2	2	1	2	2	1	144